MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

18CSE702 - Project Work II – Title and Abstract

Batch No	Register No	Title	Abstract	Name of the Guide
1	18691A0502, 18691A0524, 18691A0555, 18691A0559	Efficient Prediction of Cardiovascular Disease Using Machine Learning Algorithm	Cardiovascular diseases (CVD) are among the most common serious illnesses affecting human health. CVDs may be prevented or mitigated by early diagnosis, and this may reduce mortality rates. Identifying risk factors using machine learning models is a promising approach. We're would like to propose a model that incorporates different methods to achieve effective prediction of heart disease. For our proposed model to be successful, Pre-processing and Data Transformation methods to create accurate information for the training model. We have used a UCI Heart Disease dataset. The results are shown separately to provide comparisons. Based on the result analysis, we can conclude that our proposed model produced the highest accuracy while using RFBM and Relief feature selection methods.	Dr. R. Logesh Babu
2	18691A0557, 18691A05H7, 18691A05H8, 18691A0581	Fake Job Recruitment Detection Using Machine Learning	In the current age, online informal organizations (OSNs) have become progressively famous Individuals public activities has become more connected with these locales. They use OSNs to stay in contact with one another's, share news, coordinate occasions, and, surprisingly, maintain their own e-business. The crazy development of OSNs and the huge measure of individual information of its supporters have drawn in aggressors, furthermore, fakers to take individual information, share bogus news, and spread pernicious exercises. On the other hand	Dr. R. Logesh Babu

			specialists have begun to examine a proficient strategies to distinguish strange exercises also, counterfeit records depending on accounts highlights, and order calculations. Be that as it may, some of the record's taken advantage of elements have negative commitment in the eventual outcomes or have no effect, likewise utilizing independent order calculations doesn't necessarily in every case arrive at fulfilled results. In this paper, another calculation, SVM-NN, is proposed to give proficient location to counterfeit Instagram accounts, four component determination and aspect decrease methods were applied. Three Al characterization calculations were utilized to conclude the objective records personality genuine or phony, those calculations were support vector machine (SVM), brain Network (NN), and our recently evolved calculation, SVM-NN, that utilizes less number of elements, while as yet having the option to arrange accurately around 89% of the records of our preparation dataset SVM giving 91% exactness. on social media using machine learning.	
3	18691A0503, 18691A0516, 18691A0531, 18691A0550, 18691A0539	Detecting Fake Accounts on Social Media Using Machine Learning	In the current age, online informal organizations (OSNs) have become progressively famous Individuals public activities has become more connected with these locales. They use OSNs to stay in contact with one another's, share news, coordinate occasions, and, surprisingly, maintain their own e-business. The crazy development of OSNs and the huge measure of individual information of its supporters have drawn in aggressors, furthermore, fakers to take individual information, share bogus news, and spread pernicious exercises. On the other hand specialists have begun to examine a proficient strategies to distinguish strange exercises also, counterfeit records depending on accounts highlights, and order calculations. Be that as it may, some of the record's taken advantage of elements have negative commitment in the eventual outcomes or have no effect, likewise utilizing independent order calculations doesn't necessarily in every case arrive at fulfilled results. In this paper, another calculation, SVM-NN, is proposed to give proficient location to counterfeit Instagram accounts, four component determination and aspect decrease methods were applied. Three Al characterization calculations were utilized to conclude the objective records personality genuine or phony, those calculations were support vector machine (SVM),	Dr. Anandakumar R

			brain Network (NN), and our recently evolved calculation, SVM-NN, that utilizes less number of elements, while as yet having the option to arrange accurately around 89% of the records of our preparation dataset SVM giving 91% exactness on social media using machine learning.	
4	19695A0507	Fake Review Detection Using Supervised Machine Leaning	The project presents a general approach to fake review detection using supervised machine learning. With the continual evolution of e-commerce systems, online reviews are increasingly considered a crucial factor in building and maintaining a strong reputation. Moreover, they need a good role within the Decision-Making method for finish users. Usually, a positive review for a target object attracts a lot of customers and cause high increase in sales. Nowadays, detective or faux reviews a deliberately written to create virtual name and attracting potential customers. This project comprises a machine learning approach to sort fault reviews. Compares the performance of many experiments done on a true dataset of restaurants reviews, we tend to compare the performance of machine learning classifiers; KNN, Naive Thomas Bayes (NB), Linear Regression. The results reveal that Linear Regression out performs the remainder of classifiers in terms of accuracy achieving best results. The results show that the system has higher ability to sight a review as fake or original."	Ms. Arya Surendran
5	18691A0513, 18691A0519, 18691A0521, 18691A0522	Detecting High Risk of Covid-19 Patients Based on Blood Samples	Now a days COVID variants are increasing rapidly everywhere. This will cause a global disaster with its rapid spread. Since there is shortage of immunity in people to fight against virus, many people are getting hospitalized. Based on easily analyzed circulatory blood indicators, this provides a prediction model for possibly identifying high-risk COVID-19 infected individuals. These findings may be used to develop effective and efficient treatment plans for high-risk patients, as well as periodic monitoring for low-risk patients, easing the hospital flow of patients. They can also be used to analyses hospital bed usage. The current machine learning-based methods result in a higher accuracy in classifying COVID-19 infected patients as high-risk patients who require hospitalization and low-risk patients who can be discharged from the hospital.	Mr. A.Gowtham

6	18691A0501, 18691A0538, 18691A0541, 18691A0560	Diagnosis of Liver Disease Using Machine Learning Techniques	Suffering from liver disease has been rapidly increasing due to excessive drinking of alcohol, inhaling polluted gas, drugs, contaminated food, and packing food pickles, so the medical expert system will help a doctor with automatic prediction. With the repeated development in machine learning technology, early prediction of liver disease is possible so that people can easily diagnose the deadly disease in the early stage. This will give more useful in the Healthcare department and also a medical expert system can be used in a remote areas. The liver plays a very important role in life which supports the removal of toxins from the body So early prediction is very important to diagnose the disease and recover. Different types of machine learning algorithms are used for the diagnosis of liver disease such as Random Forest, KNN, Logistic Regression, Decision tree, etc and give different accuracy, precision, sensitivity.	Dr. R.Sundar
7	18691A0509, 18691A0520, 18691A0535, 18691A0536, 19695A0502	CNN Model for Traffic Sign Detection	As the number of autonomous cars is increasing, The importance given to build a self driving vehicle by the means of sensors, cameras etc is very high. Traffic signs plays a crucial role in the working of an autonomous car. Generally, A human driver watches the traffic signs and understands that something is present in the upcoming way like speed breakers, railway crossing etc. In the same way, The eyes of autonomous cars which are cameras, Senses its environment and looks for the traffic signs. To draw a conclusion from the photograph clicked by the camera, it needs a neural network model to categorize and tell the vehicle about that traffic sign. After making a conclusion the vehicle acts accordingly and provides a smooth driving experience.	Dr. V. Arun
8	18691A0512, 18691A0517, 18691A05D8	Food Freshness Checker Using Machine Learning	A new generation of mobile sensing approaches offers significant advantages over traditional platforms in terms of test speed, control, low cost, ease-of-operation, and data management, and requires minimal equipment and user involvement. The marriage of novel sensing technologies with cellphones enables the development of powerful lab-on-smartphone platforms for many important applications including medical diagnosis, environmental monitoring, and food safety analysis. This paper reviews the recent advancements and developments in the field of smartphone-based food diagnostic technologies, with an emphasis on	Mr. P. Kaliyamoorthy

			custom modules to enhance smartphone sensing capabilities. These devices typically comprise multiple components such as detectors, sample processors, disposable chips, batteries, and software, which are integrated with a commercial smartphone. One of the most important aspects of developing these systems is the integration of these components onto a compact and lightweight platform that requires minimal power. To date, researchers have demonstrated several promising approaches employing various sensing techniques and device configurations. We aim to provide a systematic classification according to the detection strategy, providing a critical discussion of strengths and weaknesses. We have also extended the analysis to the food scanning devices that are increasingly populating the Internet of Things (IoT) market, demonstrating how this field is indeed promising, as the research outputs are quickly capitalized on new start-up companies.	
9	18691A0552, 19695A0505, 19695A0511	Online SPA Appointment Booking System	Online Spa Appointment Booking system is a web-based salon management application with appointment scheduling functionality. It connects clients, salons, and stylists in an online community allowing users to browse spas and stylists, and book or cancel appointments. Users can also write and read reviews of spas and particular stylists. Spas can specify the stylists that work at their salons, as well as the services they offer. Spa's can also book appointments for customers, and can view and print schedules in convenient formats.	Dr. P.V. Venkateswara Rao
10	18691A0533, 18691A0543, 18691A0544, 18691A0545	Brain Tumor Detection Using CNN	The brain is the most important regulator of the human body. A brain tumor is caused by abnormal cell growth and division in the brain, and the progression of brain tumors leads to brain cancer Computer Vision plays an important part in human health, as it eliminates the need for human Judgement to produce correct findings. CT scans, x-rays, and MRI scans are the most reliable and safe imaging techniques used in magnetic resonance imaging (MRI). Even the smallest object is recognized by MR. Even we have Highly efficient Computer Vision Equipment to examine the internal systems, but the Results and Reports are examined with the naked eye, To overcome this limitation in the area of Neuro anatomy, We employed a variety of strategies to detect brain cancer using brain MRI.	Mrs. A.Komala

			The tumor location was then reliably detected using Gray Scaling of images and using some Image processing techniques and Convolution Neural Network (CNN) segmentation algorithms. Datasets for training, testing, and validation are used. We shall use our Web application even on mobile phone to determine whether the subject has a brain tumor Results are evaluated against a variety of performance criteria such as accuracy, sensitivity	
11	18691A0514, 18691A0515, 18691A0532, 19695A0514	Plant Disease Detection Using Deep Learning	The proposed system helps in identification of plant disease and provides remedies that can be used as a defence mechanism against the disease. The database obtained from the Internet is properly segregated and the different plant species are identified and are renamed to form a proper database then obtain test-database which consists of various plant diseases that are used for checking the accuracy and confidence level of the project. Then using training data, we will train our classifier and then output will be predicted with optimum accuracy. We use Convolution Neural Network (CNN) which comprises of different layers which are used for prediction. A prototype drone model is also designed which can be used for live coverage of large agricultural fields to which a high-resolution camera is attached and will capture images of the plants which will act as input for the software, based of which the software will tell us whether the plant is healthy or not. With our code and training model we have achieved an accuracy level of 78%. Our software gives us the name of the plant species with its confidence level and also the remedy that can be taken as a cure.	Dr. Santhoshinee Mohapatra
12	19695A0501, 18691A0554, 18691A0591	Hotel Booking Management System	This project aims at creating on Hotel Management System which can be used by Admin and Customers. The admin to advise/publish the availability of rooms in different hotels and customers are checking the availability of room in required hotel. Customers should be able to know the availability of the rooms on a particular date to reserve in hotel. They should be able to reserve the available rooms according to their need in advance to make their stay comfortable. The admin hands the booking information of customers. The users can register and log into the system. The administrator will know the details of reservation and daily income.	Dr. N. Mohan Krishna Varma

			The hotel department maintain the seat availability and booking details in certain database. This project provides high security to Admin and user information. The main objective of this project is to design a hotel management system for running a hotel business. The system should be as flexible as possible so that it can be used for different hotels. You have to find out which procedures hotels have used for different hotels. We have to find out which procedures hotels have and based on that information, you should create a system which makes it efficient. We need to find out how a hotel system works on the internet, use our own experience or directly talk to people in the hotel business. The more diverse the sources of our information are, the better will be the resulting system and, possibly, our grade.	
13	18691A0530, 18691A0546, 18691A0548, 18691A0558	Automatic Number Plate Recognition Using Python	Vehicle number plate acknowledgment assumes a huge part in numerous areas. Vehicle number plate acknowledgment frameworks are generally utilized in present day brilliant urban communities, such as toll payment systems, parking fee payment systems and residential access control. Such electronic frameworks are helpful for individuals everyday existence, yet in addition offer protected and productive types of assistance for administrators With the emerging information technology with ever growing population several approaches have been implemented and through of regarding building an information system about number plate detection. 18% of the world population has own vehicle Number plate recognition is a typical issue in rush hour gridlock reconnaissance applications. Although some solutions have been proposed in the literature, their success is usually restricted to very specific scenarios, with their performance dropping in more demanding conditions. In the proposed method, Open CV library along with python language is used for image processing using pytorch. The information picture is taken and changed over into grayscale picture and the handled picture is separated through respective channel to eliminate undesirable characters.	Dr. Mahaboob Basha Shaik
14	18691A0510, 18691A0511, 18691A0542	Breast Cancer Detection in Women	Breast cancer is causing an alarming increase in the number of deaths each year. It is the most common type of cancer and the leading cause of death in women around the world. Any advancement in cancer illness prediction	S. Kusuma

			and detection is critical to living a healthy life. As a result, high accuracy in cancer prognosis is critical for updating therapy aspects and patient survivability standards Deep learning algorithms have the potential to make a significant contribution to breast cancer prediction and early detection. Breast cancer is a lethal disease that claims the lives of many women. Oncologists must use established procedures to assess breast lesions for the detection and classification of various stages of cancer In many cases, such methods are both time demanding and ineffective Deep learning techniques based on artificial intelligence are being used to aid in the early detection of breast cancer and the prioritization of high-risk patients.	
15	18691A0505, 18691A0523, 18691A0553	Identifying Phishing Websites Using Machine Learning Algorithms	Phishing is a digital assault that targets gullible web-based clients fooling into uncovering touchy data, for example, username, secret word, government-backed retirement number or MasterCard number. Aggressors will fool the Internet users by us concealing the site pages that can be dependable or genuine pages to recover individual data. There are numerous enemies of phishing arrangements, for example, boycott or whitelist, heuristic and visual similitude based techniques proposed to date, however online clients are as yet getting caught into uncovering delicate data in phishing sites. A clever grouping model is proposed in view of heuristic highlights that are removed from URL, source code, and outsider administrations to conquer the weaknesses of the existing enemy of phishing strategies. The proposed model assessed utilizing five different AI calculations i.e., SPM, Decision Tree, Random Forest, KNN, and Logistic Regression, and out of this, the "Random Forest (RF)" calculation played out the best with a precision of "96.85%". The analyses were rehashed with various Orthogonal and Oblique. Random Forest classifiers tracks down one of best classifier for the detection phishing sites.	Dr. R. Kalpana
16	18691A0506, 18691A0507, 18691A0508, 18691A0528	Generating Textual Description Of an Image	Generating a natural language description of the content of an image automatically is a complex task Though it comes naturally to humans, it is not the same when making a machine to do the same. Caption generation is a challenging artificial intelligence problem where a textual	Dr. R. Sudhakar

			description must be generated for a given image it requires both methods from computer vision to understand the content of the image and a language model from the field of natural language processing to turn the understanding of the image into words in the right order Our proposed system aims to build an encoder-decoder architecture where the encoder is a pre-trained model like ResNet50, InceptionV3. It may be a single model or the combination of vectors consisting of high-level features from two or more models that work exceptionally in most cases whereas the decoder part is a slightly modified LSTM network and contains the Time Distributed Layer which is helpful for time scenes data as we post the entire sentence or sequence as a time series problem and in the case of videos as well works fabulously for storing sequence information and text generation. Deep learning methods demonstrated state-of-the art that results in caption generation problems This model of generating a caption follows an Encoded-Decoded strategy inspired by a language translation model based on RNN.	
17	18691A0504, 18691A0518, 18691A0525, 18691A0537	Flood Prediction Using Machine Learning	Flood are one of the ominous cataclysmic events. A flood can bring about a colossal loss of living souls and properties. It can likewise influence horticultural grounds and obliterate developed crops and trees. The flood can happen because of surface-spill over shaped from softening snow, tedious downpours, and derisory seepage of water or breakdown of dams Today individuals have obliterated the streams and lakes and have turned the normal water stockpiling pools to structures and development lands. Streak floods can create rapidly inside a couple of hours when contrasted and a standard flood. Research in expectation of flood has improved to decrease the deficiency of human existence, property harms, and different issues connected with the flood. Al techniques are generally utilized in building an productive expectation model for weather conditions determining. This headway of the expectation framework gives savvy arrangements and better execution. In this paper, an expectation model is built utilizing precipitation information to anticipate the event of floods because of precipitation. The model predicts whether "flood may occur or not" in light of the precipitation range for specific areas. Indian area precipitation information is utilized to fabricate then forecast model.	Mr. G. Muthugurunathan

18	19690A0501	Electronic Voting System	The E-voting system based on Name and vote separated E-voting system. The proposed E-voting system, referred to as Enhanced NOTE (E-NOTE), is enhanced with a new protocol design and watchdog hardware device to ensure voter confidentiality and voting accuracy. In our improved scheme, other than the Election Committee (EC) and Vote Counting Committee (VCC), an impartial third party, Ballot Distribution Center (BDC), is proposed to take the responsibility of distributing ballots. The votes and the candidates' names are separated into two parts when the voters cast their votes. The watchdog device records all voting transactions to prevent voter frauds. Our proposed procedure addresses issues related to voter confidentiality, voter frauds, and voting accuracy, thus providing a framework for fair elections. A worthy e-voting system must perform most of these tasks while complying with set of standards established by regulatory bodies and must also capable to deal successfully with strong requirements associated with security, accuracy, integrity, swiftness, scalability and ecological sustainability.	Mrs A.Komala
19	18699A0525	Employee Promotion Prediction Using Decision Tree Algorithm	Human resource management study focuses on promotion. Because there are few studies on the mining of promotion features, this work analyses data from a state-owned business to build a set of features and apply machine learning algorithms to predict employee promotion. To begin, we use five ways to create personal basic features and post features. Second, a correlation analysis is used to investigate the relationships between certain characteristics and promotion. After that, model learning and testing takes place. The decision tree model performs the best in experiments, demonstrating the validity of features. Finally, we calculate each feature's to further investigate its impact on staff advancement. When compared to personal basic features, post features have a greater impact on promotion. Working years, the number of various positions held, and the highest department level are all factors that influence employee advancement. Every organization in our daily lives uses an employment promotion prediction system. Every company that uses this promotion prediction system provides a salary scale and advancement opportunities. Promotion is a continual process that occurs once a year as a formal exercise before the end of the fiscal year. Promotion has a huge	G.N.Vivekananda

			motivational impact on people since it provides them with valuable feedback and is a great way to recognize them. This project outlines the performance prediction method and attempts to determine how efficiently it is carried out. What are the variables that cause failure if performance prediction does not accomplish its goal? Two strategies are used to assess promotion of employee systems. One way is conventional, while the other is modern. In our project, we are attempting to forecast the various stages of employee performance.	
20	18699A0528, 18699A0534, 18699A0515, 18699A0537	Summarization Of Product Text Review	In the present generation, people are mostly liking to buy products and ordering food online. To have the best products we must choose the best online platforms. In order to choose the best one, we must go through the reviews of each product and food items. Nevertheless, reading those long reviews is not easy for everyone. Therefore, there must be something that can reduce the long reviews to short sentences of limited words depicting the same meaning. Text Summarization can come in hand in this aspect. So that the long paragraphs and unwanted data can be modified into shorter using this technique, so that the customer feels easy to read the reviews and select the products and restaurant. Many NLP researchers are interested in Text Summarization. By using the NLP algorithms and Sentiment Analysis, we can minimize the long reviews to short text using meaningful words.	Mr. S.Syed Abuthahir
21	18691A05E4, 18691A05G0, 18691A05I0	Education Consultancy Management System	In this project, we present a set of full stack technologies involved in building a web based education consultancy management system. A full stack developer is an expert who focuses on both the front and back ends of the software application that involves user-facing website construction and client-focused communication. Due to dual-feature of both back-end and front-end, Python - Django framework was used in this project as it has an in-built SQLite3 database and also helps in data selection, formatting and display. The front-end application was created with basic front end technologies such as HTML5, CSS3 and Bootstrap5. These technologies made developing easier and helped to manage the project. Though we come to writing report, further developing of the service and maintenance of the project has still been carried out. In this web	Mrs. V. Nirupa

			application, we have successfully implemented both front end and back end system using various web technologies like HTML5, CSS3, JavaScript, Django, etc.	
22	18699A0512	Chatbot For WIPRO Internship Queries	A chatbot is a computer program that can converse with humans using artificial intelligence is messaging platforms. The goal of the project is to add a chatbot feature and API for NLTK discussion groups, blogs, wikis etc. NLTK provides all the basic features of web search portal. It has its own account management system with the ability to set up groups that have discussions boards Groups are collections of users that have access to a group feed. The user who creates a group is set as the initial group owner. Posts are grouped by thread in a group containing the most recent activity at the top. The chatbot API for NLTK will allow developers to create new chatbots, powered by rules or artificial intelligence, that can interact like a human with users in a groups feed page Example chatbots that can be developed with this API is weather chatbots or book flight chatbots. Over past few years, messaging applications have become more popular than social networking sites. People are using messaging applications these days such as Facebook Messenger, Skype, Viber, Telegram, Slack etc. This is making other businesses available on messaging platforms leads to proactive interaction with users about their products. To interact on such messaging platforms with many users, the businesses can write a computer program that can converse like a human which is called a chatbot. This kind of bots are very limited to set of texts or commands. They have ability to respond only to those texts or commands. If user asks something different or other than the set of texts or commands which are defined to the bot, it would not respond as desired since it does not understand or it has not trained what user asked. These bots are not very smart when compared to other kind of bots.	Mr. Siva Sairam Prasad Kodali
23	18699A0506, 18699A0521, 18699A0532, 18699A0536, 18699A0548	Path Tracker Mobile Application	The use of mobile applications is growing exponentially. The task of creating mobile applications is challenging since there are two major operating systems Android and IOS on mobile devices, unlike web applications that have one. As a result of which each operating system has its own development infrastructure which increases overhead since the	Dr. Santoshinee Mohapatra

			same application needs to have a different codebase on each platform. This project implements multiplatform development using react native i.e., the same codebase for various platforms and shows how it can save time, development efforts, and costs by building a Path Tracker Mobile application that can track the path a user is traveling by using maps and save that path for future use.	
24	18699A0533, 18699A0549	Secure Data Retrieval Of Decentralised Disruption Of Tolerant Military Networks	Mobile nodes in military environments such as a battlefield or a hostile region are likely to suffer from intermittent network connectivity and frequent partitions. Disruption-tolerant network (DTN) technologies are becoming successful solutions that allow wireless devices carried by soldiers to communicate with each other and access the confidential information or command reliably by exploiting external storage nodes. Some of the most challenging issues in this scenario are the enforcement of authorization policies and the policies update for secure data retrieval. Cipher text-policy attribute-based encryption (CP-ABE) is a promising cryptographic solution to the access control issues. However, the problem of applying CP-ABE in decentralized DTNs introduces several security and privacy challenges with regard to the attribute revocation, key escrow, and coordination of attributes issued from different authorities. In this paper, we propose a secure data retrieval scheme using CP-ABE for decentralized DTNs where multiple key authorities manage their attributes independently. We demonstrate how to apply the proposed mechanism to securely and efficiently manage the confidential data distributed in the disruption-tolerant military network.	Mrs V.Nirupa
25	18699A0543	Smart Attendance Management Using AI	One of the most effective image processing applications, face recognition is crucial in the technical world. For authentication reasons, notably in the context of student attendance, the recognition of the human face is a current problem. The process of identifying students using face biostatistics based on high-definition monitoring and other computer technologies is called a face recognition attendance system. The goal of creating this system is to digitise the outdated method of taking attendance by calling names and keeping pen and paper records. The methods used today to take attendance are cumbersome and time-consuming. Manual	Mr. B.S.H.Shayeez Ahamed

			recording makes it simple to alter attendance data. Current biometric technology and the traditional attendance-taking technique are both susceptible to proxies. Therefore, it is suggested that this project address each of these issues. Attendance reports will be generated and kept in the database following face recognition. The system is tested in a variety of settings, including lighting and varying distances between the student and the cameras. The total complexity and accuracy are determined after rigorous testing. The proposed technique has shown to be a reliable and effective tool for taking attendance without taking up a lot of time or requiring manual labour. The created system is less expensive to install and requires less work.	
26	18699A0505, 18699A0511, 18699A0518, 18699A0535	Heart Disease Identification Method Using Machine Learning Classification	In this article, we proposed an efficient and accurate system to diagnosis heart disease and the system is based on machine learning techniques. The system is developed based on classification algorithms includes Support vector machine, Logistic regression, Artificial neural network, K- nearest neighbour, Naïve bays, and Decision tree while standard features selection algorithms have been used. The features selection algorithms are used for features select ion to increase the classification accuracy and reduce the execution time of classification system. Furthermore, the leave one subject out cross- validation method has been used for learning the best practices of model assessment and for hyper parameter tuning. The performance measuring metrics are used for assessment of the performances of the classifiers. The performances of the classifiers have been checked on the selected features as selected by features selection algorithms. The experimental results show that the proposed feature selection algorithm (FCMIM) is feasible with classifier support vector machine for designing a high-level intelligent system to identify heart disease. Additionally, the proposed system can easily be implemented in healthcare for the identification of heart disease.	Mr.B.Gallebathullah
27	18699A0502	Drone Detection & Classification Using Machine Learning	Due to the increasing development of economic and recreational drones, moreover because the associated risk to airspace safety, this study proposal has emerged in recent years. This analysis plan has emerged within the previous couple of years because of the speedy development of economic and recreational drones and also the associated risk to airspace safety. A comprehensive review of current literature on drone detection	Dr. N. Mohan Krishna Varma

			and classification victimization machine learning with completely different modalities, during this analysis plan has emerged within the previous couple of years because of the speedy development of economic and recreational drones and also the associated risk to airspace safety. Drone technology has been used in practically every aspect of daily life, including food delivery, traffic control, emergency response, and surveillance. Drone detection and classification are carried out in this study using machine learning and image processing approaches. The research's major focus is on conducting surveillance in high-risk areas and in locations where manned surveillance is impossible. In such situations, an armed aerial vehicle enters the scene and solves the problem. Radar, optical, auditory, and radio-frequency sensor devices are among the technologies addressed. The overall conclusion of this study is that machine learning-based drone categorization appears to be promising, with a number of effective individual contributions. However, the majority of the research is experimental, therefore it's difficult to compare the findings of different articles. For the challenge of drone detection and classification, there is still a lack of a common requirement-driven specification as well as reference datasets to aid in the evaluation of different solutions.	
28	18699A0510, 18699A0546, 18699A0551	Smart Fire Surveillance Using CNN	In this project smart fore surveillance the input data (Image or Video) is fetched into the system from web camera and the input data is pre-processed to make it as a clear picture and converted into grey scale image. Once the input image is clear the image are trained in such a model to detect whether the image is normal or fire. And alert the humans by sending the messages which was connected with the system. This project implemented using convolutional neural networks due to its high efficiency and accuracy. The recent advances in embedded processing have enabled the vision based systems to detect fire during surveillance networks. This is cost effective fire detection CNN architecture for surveillance videos to balance efficiency and accuracy, the model is fine-tuned considering the nature of the target problem and fire data.	Mr.G.Sreenivasulu
29	18699A0517, 18699A0531, 18699A0550	Hybrid Algorithms For moving Vehicle Plate Recognization System	The Automatic Number Plate Recognition (ANPR) is an Image Processing innovation that makes use of the car variety plate for car identification The intention is to make use of the car variety plate to devise	Mr.A.Gowtham

			an effective programmed authorized car distinguishing evidence framework. The frame-paintings are accomplished with inside the university front for protection control. The registration code extraction set of rules in which variety plate is extracted the usage of Sobel filter, morphological operations and Connected Component Analysis (CCA). The man or woman segmentation primarily based totally on CCA and Spectral Analysis, then man or woman reputation primarily based totally on Support Vector Machine (SVM) technique. In Open CV-Python, the proposed version is simulated and applied and its overall performance is evaluated at the real image.	
30	18699A0519, 18699A0526, 18699A0530, 18699A0542	Customer Segmentation Using K-means Algorithm	In today's world, customers are most vital component of every firm. We live in the world where massive amounts of data are collected on a regular basis. The necessity to analyse such data is critical In this modern age of technological, where everyone is competing to be better than everyone else, the business plan must be tailored to the current circumstances Because there are so many potential clients who are unsure of what to buy or what not to buy, today's business is based on new concepts The businesses themselves are unable to diagnose then target potential clients This is where machine learning comes into play. To make better judgments, several algorithms are utilised to detect hidden patterns in data. The customer segmentation method, which employs the clustering approach, is used to determine which client segments to target. The clustering technique utilised in this project is the K means algorithm, which is a partitioning strategy that is used to group clients based on comparable features For the provided data, we additionally calculate the algorithm's performance metric	Dr.Anandakumar R
31	18699A0539, 18699A0544, 18699A0545	Voice Based Prescription Generator	One of the prime problems in the world is that most of the prescriptions are still within by hand Doctor's illegible handwriting can lead to major problems like taking the wrong drug or taking the wrong quantity of the drug by a patient. This may cause serious health issues for the patient. To solve this issue, a voice-based prescription generation system came into the picture. The objective of this project is to implement an application to write formatted prescriptions based on verbal dictation from a doctor It provides a facility to sign the prescription and then send it to the patient directly on their email id. This system takes voice as input and using	Mrs.S.Kusuma

			speech recognition convert it to text format. NER (Named Entity Recognition) is used to extract medical entities from text transcript. Additionally, the doctor should be able to edit the prescription, sign the prescription and the patient can get it in PDF format directly through mail.	
32	18699A0504, 18699A0513, 18699A0514, 18699A0556, 19696A0502	Currency Detector For Visually Impaired Using Deep Learning Algorithms	In this Currency detector for visually impaired project is especially useful for those people who have visual impairments. Visually impaired are those who have difficulty in vision or complete vision loss, which causes them trouble in recognizing the paper currencies. This application is a way out for them, as it will help to find out the value of currency, One of the most important problems facing visual impaired people is money recognition especially for paper currency In this paper we present a simple system currency recognition system applied on Egyptian banknote Out proposed system is based on simple image processing utilities that insure performing the process as fast and robust as possible. The basic techniques utilized in our paper system include image foreground segmentation, histogram enhancement, and region of interest (ROI) extraction and finally template matching based on the cross-correlation between the Captured image and our data set.	Dr .D.J.Asphin Pabi
33	18699A0538, 18699A0547	Hotel Management System	Hotel Management manages the data that is stored on the paper files and very difficult to manage. HOTEL MANAGEMENT SYSTEM is a convenient application for hotel management. Online booking has become more and more popular in today's environment. With the help of this application, you can book room online and can order food as yours required The major goal of the entire activity is to automate the process of day-to-day hotel operations such as room activities, new customer admission, room assignment based on customer demand, checkout of room and finally bill computation. This is software designed primarily for hotel management. The app was created using the C# programming language. The project hotel management is in charge of keeping track of the hotel's clients and facilities. This program allows customers to book a room. There are many types of rooms, such as air-conditioned and non-air-conditioned. This application will maintain the costs and records. This software has a simple user interface that anyone can learn and use. The administrator may successfully manage their activities using this application.	Dr.G.N.Vivekananda

34	18699A0508	Hospital Management System	Human life is very precious consist of very complicated struct and of functions. The health sector should provide the best medical facilities to De comes man. For a developing nation in the field of health sciences and developing a large scale of hospitals but facing a large number of problems in inter-structure. The basic working of various hospital is still on paper based as compare to the hospitals in foreign countries because there the computer bas put into the hospital personals and their work. Our proposed system "HOSPITAL MANAGEMENT SYSTEM"10 computerize the Front Office Management of Hospital to develop software which is user friendly simple, fast, and cost-effective It deals with the collection of patient's information, diagnosis details, etc Traditionally, it was done manually. The main function of the system is register and store patient details and doctor details and retrieve these details as and when required, and also to manipulate these details meaningfully System input contains patient details, diagnosis details, while system output is to get these details on to the screen. The main goal of a hospital management system is to design a project that will improve patient care and reduce the expense of running a hospital. It is accessible either by an administrator or receptionist. Only they can add data into the database. The data can be retrieved easily. The data are well protected for personal use and makes the data processing very fast.	Dr.R.Sundar
35	18699A0501, 18699A0524, 18699A0554, 18699A0555	Fake News Detection Using Neural Networks	Fake news has become one of the dangerous in today's tremendous potential for changing people's minds and facts, and it bought be the most harmful weapon in society's arsenal. The proposed research employs natural language processing (NLP) approaches to detect "fake news, or news reports that are deceptive and come from untrustworthy sources Fake news may be identified by a model based on the K-Means clustering technique. The data science community has reacted by taking stop to address the issue It is impossible to correctly evaluate whether a piece of news is true or false. As a result, the proposed research will employ datasets that have been trapped using the count vectorizes approach to detect false news, and the accuracy of the detection will be assessed using Ml. algorithms. With unique features and classification algorithms we are going to classify the news as false or real and the algorithm with the	Dr.G.N.Vivekananda

			feature which gives the best result with that feature extraction method and that algorithm, we are going to predict the news as false or real.	
36	18699A0507, 18699A0516, 18699A0552, 19690A0503	Credit Card Fraud Detection Using Datascience	A credit card is issued by a bank or financial services company that allows card holders to bonus funds with which to pay for goods and services merchants that accept cards for payment Nowadays as everything is made cyber so there is a chance of misuse of cards and the account holder can lose the money, so it is vital that credit card companies are able to identify fraudulent credit card transactions so that customers are not charged for items that they did not purchase This type of problems can be solved through data science by applying machine learning techniques it deals with modelling of the dataset using machine learning with Credit Card Fraud Detection. In machine learning the main key is the data so modelling the past credit card transactions with the data of the ones that turned out to be fraud The built model is then used to recognize whether a new transaction is fraudulent or not. The objective is to classify whether the fraud had happened. The first step involves analyzing and pre-processing data and then applying machine learning algorithm on the credit card dataset and find the parameters of the algorithm and calculate the performance metrics.	Dr.D.J.Asphin Pabi
37	18699A0529	Hotel Management System	Hotel Management manages the data that is stored on the paper files and very difficult to manage. HOTEL MANAGEMENT SYSTEM is a convenient application for hotel management Online booking has become more and more popular in today's environment. With the help of this application, you can book room online and can order food as yours required The major goal of the entire activity is to automate the process of day-to-day hotel operations such as room activities, new customer admission, room assignment based on customer demand, checkout of room and finally bill computation. This is software designed primarily for hotel management. The app was created using the C# programming language. The project hotel management is in charge of keeping track of the hotel's clients and facilities. This program allows customers to book a room. There are many types of rooms, such as air-conditioned and non-air-conditioned. This application will maintain the costs and records. This software has a simple user interface that anyone can learn and use. The	Mr. B. Galeebathullah

			administrator may successfully manage their activities using this application.	
38	18699A0503	Tour and Travel Management Systems	This project principally handles Online Bus Reservations. This project helps consumers to reserve transport tickets connected to the internet. When a client wishes to book a card for a transport, he can visit this site and select the beginning and goal points in addition to the date of journey and classification of the transport he/she wants. A consumer shows that it is intensely difficult to follow the diversified of the bundle concerning meaningful websites, contact, and ideas accompanying the travel powers and more alternatives that lives in it that is an inactive order and late. This project will help the consumers to see appropriate news to a degree lodging convenience, transport convenience and writing about the places place they be going to visit, the consumers can book resolution by repaying person engaged in private ownership of business in connected to the internet style. The tour and travels administration method will be advantageous for touristy analyses of various travels that contain trade purpose tours, visiting few legendary places in India date and occasion of leaving, by virtue of what much distance is skilled between current area to goal point, by what method much occasion will love reach the place, by virtue of what much services is necessary to reach goal. This scene gives new bundle on pliable price for fear that consumer can book surely According to season admin can change whole.	Mr.S.Syed Abuthahir
39	18699A0522, 18699A0509, 18699A0520, 18699A0523	Prediction of Heart Disease Using Data Warehouse	Nowadays Heart disease is considered one of the major causes in today's world. It cannot be easily predicted by the medical doctors as it is a difficult task that demands expertise and higher knowledge for prediction. There is a lot of data available within the healthcare systems on the internet. However, there is a lack of effective analysis tools to discover hidden relationship and patterns in data. The Healthcare trade usually clinical diagnosis is ended typically by doctor's knowledge and practice. Computer Aided Decision Support System plays a major task in medical field. By using data warehouse techniques it takes less time for the prediction of the disease with more accuracy. Among the increasing research on heart disease predicting system, it has happened to significant to categories the research outcomes and gives readers with an outline of the existing heart disease prediction techniques in each category. The	Mr.P.Kaliyamoorthy

			heart disease appears to be the leading cause, while summarizing the deaths occurring worldwide. The identification of the possibility of heart disease in a person is complicated task for medical practitioners because it requires years of experience and intent medical tests to be conducted. In this work, two data mining classification algorithms like Decision Tree and KNN are addresses and used to develop a prediction system in order to analyze and predict the possibility of heart disease. It is found that Decision tree algorithm performs best with 91% precision when compared to other algorithms for heart disease prediction.	
40	18691A0595, 18691A0597, 18691A05B3, 18691A05B7	Face Mask Detector	Covid Disease 2019 (COVID-19) broke out towards the finish of 2019, its unlosalong destruction on large number of individual's lives and organizations in 2020. At the world minds the pandemic and plans to get back to business as usual, there is a flood of dried among all individuals, especially the people who desire to continue face to face commitment. Wearing a facial covering decisively limits the probability of viral transmission and gives a fooling that everything is safe and secure, as indicated by studies. Be that as it may, physically following the utilization of this arrangement is unimaginable The key here is innovation. We give a Deep Learning-based framework for distinguishing occasions of inappropriate utilization of facial coverings Our framework utilizes a two-stage Convolutional Neural Network (CNN) design that can perceive both veiled and exposed faces and works with pre-introduced CCTV cameras (2) This will make it more straightforward to follow wellbeing infractions, advance the use of facial coverings, and establish a protected workplace.	Dr.R.Sudhakar
41	18691A05B9, 19695A0504, 19695A0508, 19695A0509	Stock Price Prediction using Machine Learning and Sentiment Analysis	Predicting the future in all the areas using machine learning techniques was the recent research in the current scenario Stock market is one among them which needs the prediction future market to invest in the new enterprise or to sell their existing shares to get profit. This need the efficient prediction technique which studies the previous exchanges of stock market and gives the future prediction based on that We take the advantage of Sentiment analysis on Market related announcement and respective public opinions for stock market trend predictions for more accurate recommendations Sentiment Analysis is a machine learning program for extracting opinions from a text section that is designed to support any product, company, individual or other entity positive,	Mr.P.Kaliyamoorthy

			negatively, neutral) Stock Market Prediction Web App based on Machine earning and Sentiment Analysis of Tweets (API keys included in code) The front end the Web App is based on Flask and Word press. The App forecasts stock prices of the seven days for any given stock under NASDAQ or NSE as input by the user evictions are made using three algorithms ARIMA, LSTM, Linear Regression. The app combines the predicted prices of the next seven days with the sentiment analysis of tweets to give recommendation whether the price is going to rise or fall	
42	18691A0574, 18691A0568, 18691A0585, 18691A05F5	SHOP FAST-An E-Commerce Application	Accelerated advancements in the technology era brings changes in all the fields. Electronic Commerce is process of doing business through computer networks. E-Commerce is driven by the internet, customers can access an online store to browse through and place orders for the products via their own devices. Online shopping is a model that enables everyone to get the things to their place without stepping out. This generally takes place in no more than 5-7 seconds. The principle reason of this system has been put forward to improve the online shopping of various items especially on electronic gadgets. An e-commerce platform is a tool that is used to manage an e-commerce business. The main purpose of the system to create the best user experience and to complete the process in an effective way.	Dr. R. Anand Kumar
43	18699A0527, 18699A0553	Online Resume System	A resume is a report utilized by individuals to offer their historical past and talent sets A resume additionally spelled resume or resume also called curriculum vitae or CV. A report that has a short summary or list approximately relevant training and enjoy. Nowadays there is a tough competition for getting a job and one of the biggest trials for many job-seekers is creating the perfect resume. The resume is the very first thing that a potential employer encounters regarding an applicant and is used to screen applicants, often followed by an interview. This research paper aims to specify a method for creating resumes in a very simpler and user friendly way. We are proposing an application that will help applicants in creating resumes by simply taking their information as input. Resume builder application allows users to login/signup via OTP verification and let them create, update, delete, view and save their resume in pdf format.	Mr. G. Muthugurunathan
44	18691A0577, 18691A0580	Hospital Management System	Human life is very precious consist of very complicated struct and of functions. The health sector should provide the best medical facilities to	B.Anandaraj

			De comes man. For a developing nation in the field of health sciences and developing a large scale of hospitals but facing a large number of problems in inter-structure. The basic working of various hospital is still on paper based as compare to the hospitals in foreign countries because there the computer bas put into the hospital personals and their work. Our proposed system "HOSPITAL MANAGEMENT SYSTEM" computerize the Front Office Management of Hospital to develop software which is user friendly simple, fast, and cost-effective It deals with the collection of patient's information, diagnosis details, etc. Traditionally, it was done manually. The main function of the system is register and store patient details and doctor details and retrieve these details as and when required, and also to manipulate these details meaningfully System input contains patient details, diagnosis details, while system output is to get these details on to the screen. The main goal of a hospital management system is to design a project that will improve patient care and reduce the expense of running a hospital. It is accessible either by an administrator or receptionist. Only they can add data into the database. The data can be retrieved easily. The data are well protected for personal use and makes the data processing very fast.	
45	18691A0590, 18691A05A8	Ship Reservation System	The Ship Reservation System is a web-based program designed for online boat, cruise, and ship ticket booking. It is intended to improve the interaction between customers and cruise agents, making it easier for customers to purchase tickets online. Users can simply reserve boats based on their needs after registering on this website. A Schedule Distribution System uses standardized interfaces to import and maintain inventory data. The user must input their departure time, date, and destination point when making a boat reservation. Additionally, the user can see their reservations. The administrator can add, view, edit, remove, and view all user boat reservations from their login page. This method makes it simpler for the user to make online boat reservations.	Ms.Arya Surendiran
46	18691A05A2, 19695A0513, 18691A05A3	Email Spam Detection	Nowadays a big part of property on availability or together possibility that somebody can leave an email or image provides spanners to write spamming shot our different poetry for emails. Degrades curetted spend to a great extent Steals n like our details on our contact list, these spammers and do the spams constant o be a hot topic of research and	Mr.B.Gallebathullah

			laborious tasks Email spam is an operation to send message bulk by mail. Since he spine of the spam in bone mostly by the recipient it is affectively postage due advertising Spam email is a kind of commercial advertising which is economically viable because email could be a very cost effective medium for sender With his proposed model the specified message can be stated as spam or not using Bayes' theorem and Naive Bayes Classifier and Also IP addresses of the sender are often detected	
47	18691A0584	Detection of Image Modifications	Images available on online sharing platforms have a high probability of being modified, with additional global transformations such as compression, resizing or filtering covering the possible alteration. Such manipulations impose many constraints on forgery detection algorithms. This article presents a framework improving robustness for image forgery detection. The most important step of our framework is to take into account the image quality corresponding to the chosen application. Copy-move forgery is one of the most common image tampering schemes, with the potential use for misleading the opinion of the general public. Key point-based detection methods exhibit remarkable performance in terms of computational cost and robustness. Anyway, these methods are deal with some draw backs they are forgery only involves small or smooth regions multiple clones are conducted. The performance of key point-based methods degrades in those cases when the duplicated regions are near to each other and when handling highly textured area. The clustering algorithm that mostly used in key point- based methods suffer from high complexity. So, we are using the two algorithms.	Mrs G. Vasundhara Devi
48	18691A0586	IMDB Clone Application	In this advanced occupied and mechanical world, individuals have grown exorbitant interest for films. There are many movies delivering consistently, one can't see all films. Each individual has their own taste. So on the off chance that any individual need admittance to every one of the motion pictures out there, there ought to be a simple way. This Internet Movie Data base API makes it conceivable by giving admittance to Movie data set and giving a few endpoints to GET, POST, PUT AND DELETE data in film data set. GET is to get entities from the database. There are two types of GET one to get all the entities and other to get one entity be Id. POST is to create a resource. PUT is to update or edit the resource with the given Id. DELETE is to delete the resource with the given Id.	Ms.Arya Surendiran

49	18691A0571, 18691A0598, 18691A05A1, 18691A05B8	Customer Chat Comment Analysis and Classification	Machine learning allows software applications to become more accurate at predicting the outcomes. In this project we are using machine learning algorithms to analyze and classify the data based on reviews given by the customers. By the results we can analyze that machine learning algorithms outperform than other approaches. To address the problem of large-scale ticket analysis, we built a natural language processing (NLP) platform that looks for map data-related issues in the text in customer reviews. This platform can then specify which specific type of map data triggered the reviews, so that the appropriate team within our map's organization can assess the issue and determine a solution. Sentiment analysis is referred as opinion mining or emotional intelligence (EI). Sentimental analysis can be defined as the art of gathering useful insight from unstructured and unorganized textual contents from several social platforms and online sources such as chats happening across social platforms such as Twitter, WhatsApp and Facebook, online blogs and comments. Opinion mining involves developing rule based automated systems that analyse the data based on a set of predefined rules.	Dr P.V.Venkateswara Rao
50	18691A05B0, 18691A05E1	V5 Add Card Tokenisation Flow	At present the tokenization flow depends on the user acceptance, but in V5 Add Card flow if the user is registered in the website and had done a transaction for the first time then merchant can tokenize the card as per RBI guidelines. So our task is to store those details securely and send it to network for smooth tokenization flow. So here only a card token will be given by networks and we don't store any card details except the token details. This provides an end-to-end security to customer.	Mrs R.Usha
51	18691A0587, 18691A0588, 18691A0589	Management System For Blood Donors	The goal of the project is to create an online blood donation information system. This project was created with the use of web technology. It serves as a communication link between donors and health-care groups. People who wish to donate blood can register on this website, and organisations in need of donors can use it to contact them. Donors and organisations will be able to communicate more easily as a result of this. All hospitals that may utilise this website will be given authentication data, and if they need blood, they can access the details of all the donors based on their needs and contact the donors. The online programme also allows hospitals and blood donors to be synchronised.	Dr.R.Logesh Babu

52	18691A0527, 18691A05A5, 18691A05B4, 18691A05C0	Online Movie Ticket Booking System	The project is aimed at developing an online movie ticket booking system website for customers. Online movie ticket booking system is a project developed for booking movie ticket online. This project saves lots of time and reduces the work of the customer. In online movie ticket booking system can be done from anywhere and at any time(24*7). Some features provided to the users are new registration, login, compare ticket price and timing. Customers can book ticket online by Ingoing into the application. For registered customers based on his location he she can able to hook tickets. The user can also cancel his or update their order.	Mr.A.Gowtham
53	18691A0527, 18691A0576, 18691A0592, 18691A05B1, 18691A05B2	Malware Detection Using Deep Learning	Malicious software continues to pose a majority security in this digital age as computer users, large corporations, and governments witness an exponential rapid growth in malware attacks The concept of machine learning is used in the various detecting of the malwares, various sub-approach methods like the ANN, CNN etc are used by various researchers for the identifying purpose. Recent malwares use polymorphic, metamorphic and other evasive techniques to change the malware performances quickly and generate large number of malwares Current malware detection solutions adopt Static and Dynamic analysis of malware signatures and behaviour patterns that are time consuming and ineffective in identifying unknown malwares By using the malware images and deep learning technique we can easily detect malware fast and we even don't quire any static or dynamic analysis. Since new malwares are predominantly dominates new warrants of existing malwares, machine learning algorithms (MLAs) are being employed recently conduct an effective malware analysis This requires extensive feature engineering, feature mining and feature representation. Overall, this work proposes an effective visible detection of malware using a scalable and hybrid deep learning framework resources for real-time payments	Dr. Mahaboob Basha Shaik
54	18691A0583, 18691A05B6, 19695A0512, 18691A0579	Electronic Buy	Electronic Commerce is process of doing business through computer networks A person sitting on his chair in front of a computer can access all the facilities of the Internet to buy or sell the products. Unlike traditional commerce that is carried out physically with effort of a person to go & get products, ecommerce has made it easier for human to reduce physical work and to save time E-Commerce which was started in early 1990's has taken a great leap in the world of computers, but the fact that	Mrs.S.Kusuma

			has hindered the growth of e-commerce is security. Security is the Challenge facing e-commerce today & there is still a lot of advancement made in the field of security.	
55	18691A05G6, 18691A0575	Facial Emotion Detection Using Deep Learning	Facial emotion detection is one of the interesting research areas where many researchers have actively participated in the last few decades. This paper to discuss the application of emotion research, which has seven different emotions such as happy, sad, neutral, anger, surprise, fear, disgust are obtained. Humans can produce different emotions in different situations, which have different meanings, intensities, and complexities. Using the Convolutional Neural Network (CNN) algorithm, About 89% of the accuracy has been achieved. This is the easy way for everyone. Deep learning and neutral networks have been used for good results. Deep Learning Model that we proposed helps focus on important features of human faces to find emotions using multiple datasets such as FER-2013 and image datasets.	Dr.R.Nidhya
56	18691A0567, 18691A0564, 18691A0578	Weather App	Weather forecasting is the attempt by meteorologists to predict the weather conditions at some future time and the weather conditions that may be expected. The climatic condition parameters are based on the temperature, wind, humidity, rainfall and size of data set. Build a system to view Weather forecast details for a particular city. User can search for a city to know as weather and based on forecast he should plan his journey. Application should alert user on rain, storm. The application should contain header section, search section and result display section.	Mr.Siva Sairam Prasad Kodali
57	18691A0565, 19695A0503	Tomato Leaf Disease Using Convolutional Neural Network	Plant diseases are a major threat to farmers, consumers and the global economy In India alone. 15% of field crops are lost to pathogens and pests causing losses to farmers Indiscriminate use of pesticides is also a serious health concern as many are toxic and biomagnified. These adverse effects can be avoided try early disease detection, crop surveillance and targeted treatments Most diseases are diagnosed by agricultural experts by examining external symptoms. However, farmers have limited access to experts. Our project is the first integrated and collaborative platform for automated disease diagnosis, tracking and forecasting Farmers can instantly and accurately identify diseases and get solutions with a mobile app by photographing affected plant parts Real-time diagnosis is enabled using the latest Artificial Intelligence (Al) algorithms for Cloud-based	Mrs A.Komala

			image processing. The Al model continuously learns from user uploaded images and expert suggestions to enhance its accuracy Farmers can also interact with local experts through the platform. For preventive measures, disease density maps with spread forecasting are rendered from a Cloud based repository of geo-tagged images and micro-climactic factors. A web interface allows experts to perform disease analytics with geographical visualizations In our experiments, the Al model (CNN) was trained with large disease datasets, created with plant images self-collected from many farms over 7 months Test images were diagnosed using the automated CNN model and the results were validated by plant pathologists. Over 95% disease identification accuracy was achieved Our solution is a novel, scalable and accessible tool for disease management of diverse agricultural crop plants and can be deployed as a Cloud based service for farmers and experts for ecologically sustainable crop production	
58	18691A0563	Covid-19 Detection Using CNN with X-Ray Images	COVID-19 mandamusing international locations see the world, believing effect of the fans and lifestyle of many humans globally. One of the important step in preventing COVID-10 on the conflated sulfurs slay mouth, Detecting this disorder from radiogaphy and snap shot in sensibly one of the quickest approaches to diagnose the sufferers Some of the early research conformed abnormalities with inside the chest radiogram of sufferers inflamed with COVID-19 prediction with the aid of using in advance works, we take a look at the software of deep gaming knowledge of fashions to stumble on COVID-19 sufferers from their chest radiography snap shots We have first taken into consideration the dataset of chest X-Ray snap shots which have been divided into education and testing. Once after thinking shout die dataset, we've got applied CNN set of rules dur's an deep gaining knowledge of set of rides that that's used to teach the dataset with a view to be used to categorise the Covid high quality and terrible clams. Post education we're the use of PyQTS to create an software for consequences tuning	Mrs G.Vasundhara Devi
59	18691A0526, 18691A0556, 18691A0599, 18691A05A9	Stress Detection Based On Social Media Blogs	The technological advancement and significant rise in the usage of social media has resulted in major psychological health problems such as stress, anxiety etc. These difficulties can be broke-down and anticipation methodologies can be figured out. To overcome these severe problems, the urgent need is to monitor the blogs in social media as it is irrepressible	Dr. N. Mohan Krishna Varma

			by humans due to their strong desire towards SMEs (Social Media Environments). Traditional methods such as questionnaires and interviews were conducted by psychologists but these processes are time-consuming and hysteretic. In this paper we have studied different stress discovery techniques and viewed as incapable to identify stress from online entertainment. In this project we proposed an Effective Stress Recognition strategy to use the ontology for stress location among people and playing it safe to keep the clients from ending it all. Metaphysics is the catchphrase matching hunt process utilized in web-based entertainment to recognize the stress related messages divided between people with further developed precision.	
60	18691A0566, 18691A05B5, 18691A05D4, 18691A05E0, 18691A05H1	Artificial Intelligence In detection Of Diseases In Plants	Agricultural productivity is a key component of Indian economy. Man-made reasoning has a tremendous influence in every single Industrial Sector Of late, Artificial Intelligence (AI) has been progressing at an extraordinary speed in horticulture area also. Simulated intelligence achieved taking care of various issues and saving a productive asset by limiting ecological crumbling. Computerized reasoning is making an unrest in horticulture by supplanting conventional techniques by utilizing strategies that are more proficient and assisting the world with improving as a spot. In this manner, the commitment of food crops furthermore, cash crops is profoundly significant for both the climate and individuals. Consistently crops surrender to a few sicknesses. Because of lacking analysis of such infections and not knowing side effects of the illness and its treatment many plants kick the bucket. This study gives bits of knowledge into an outline of the plant infection discovery utilizing various calculations. A CNN based technique for plant sickness discovery has been proposed here. Simulation study and analysis is done on sample images in terms of time complexity and the area of the infected region. It is done by image processing technique. A sum of 15 cases have been taken care of to the model, out of which 12 cases are of sick plant leaves namely, Bell Paper Bacterial Spot, Potato Early Blight, Potato Late Blight, Tomato Target Spot, Tomato Mosaic Virus, Tomato Yellow Leaf Curl Virus, Tomato Bacterial Spot, Tomato Early Blight, Tomato Late Blight, Tomato Leaf Mold, Tomato Septoria Leaf Spot and Tomato Spider Mites and 3 instances of sound leaves to be specific, Bell Paper Healthy, Potato	Dr G.Arun Kumar

			Healthy and Tomato Healthy. Test accuracy is obtained as 88.80% Different performance matrices are derived for the same.	
61	18691A05C7	Development Of Customer Portal Using SAP ERP	Organizations have several departments and teams. A system hatch coordinate information and communication between them is essential for them to achieve success. Essentially, ERP (Enterprise Resource Planning) is aware that perform all of the company's administrative functions to conduct various operations by adjusting the project value chain and simplifying the critical processes, ERP softwares can be highly efficient and effective. At present, SAP (System Applications and Products) is one of the most powerful Enterprise Resource Planning systems Data processing systems are referred to as SAP data systems, applications, and products SAP software was created in 1971 by Wallenreuther, Hopp, Hector, Plattier, and Tachira. In the SAP system, thousands of applications are fully integrated, which covers almost all business management features. More than 75,000 SAP customers in 120 countries, 140,000 SAP installations worldwide, 25 industry-specific business solutions, and over 25 industry-specific business solutions. To purchase a certain product, the customer mast know what it is. As a result, he contacts the sales department of an enterprise the team that links with the inventory department to determine if the product is available Ultimately, the organization loses out on the sale because the product is not available Therefore, the organizations use ERP software so that they won't have to rehash this next time. Here is an example of how as ERP system overcomes these challenges Before we learn about ERP systems, let's take a moment understand how different departments are involved in the business process.	Dr.R.Nidhya
62	18691A05G3, 18691A05H0, 19695A0506, 19695A0521	Recognizing Brain Stroke Using Machine Learning	This gives a prototype to classify stroke that combines text mining tools and machine learning algorithms. Machine learning can be portrayed at a significant tracker in areas like surveillance, medicine, data management with the aid of suitably traped machine learning algorithms. Data mining techniques applied in this work give an overall review about the tracking of information with respect to semantic as well as syntactic perspectives The proposed idea is to mine patient's symptoms from the case sheets and train the system with the acquired data. The case sheets were mined using tagging and maximum entropy methodologies, and the proposed stemmer	Dr. V.Arun

			extracts the common and unique set of attributes to classify the strokes Then, the processed data were fed into various machine learning algorithms such as, support vector machine, XG Boost, SGD, Decision tree and random forests Among these algorithms, Random forest achieves high accuracy.	
63	18691A05D3, 18691A05G9, 18691A05H3	Detecting Authentic and Fradulent Job Advertisements	In this tech-savvy era, job advertisements are being posted online and it has been made a hassle five process rather than personally going to the company and knowing the job vacancies With the growing online job advertisements, there is also an increase in fake advertisements. In some cases, the job advertisers even demand money for registration. So, it is difficult for a human to detect if the job advertisement is authentic or not. To avoid fraudulent posts for jobs on the internet, an automated tool for classifying jobs bared on authenticity using machine learning is proposed in this project. Different classifiers are used for checking fraudulent posts on the web and the results of those classifiers are compared for identifying the best employment seam detection model Two major types of classifiers, such as single classifier and ensemble classifier are considered for fraudulent job post detection Various Machine learning models like Random Forest, Logistic Regression, K-Nearest Neighbor (KNN) and Natural Language Processing (NLP) are used to determine the best classification technique for detecting fraudulent job postings.	Dr.G. Arun Kumar
64	18691A05H6, 18691A05D6, 18691A05C9, 18691A05E3, 18691A05D0	Stock Price Production	Many businesspeople and the public value stock price predictions Stock market employees have the possibility to make a lot of money or lose a lot of money. Algorithmic predictions and models can be used to make future forecasts based on historical data Predicting the future has always been a hard process, and many people have struggled with it When it comes to money and risk, such as Stock Market speculation, this form of forecast is much more enticing Researchers from a range of sectors, including computer science and business, are studying stock market projections Researchers have explored a range of tactics and algorithms, as well as a mix of indications, to anticipate the market. On a daily basis, a great deal of study has been done on stock price forecasts, employing a variety of data sources with numerous built-in models, such as news articles, twitter data, Google data, and Wikipedia data. Stock price changes have been influenced by all of these external factors, as well as	Dr.Snathoshinee Mohapatra

			stock prices and stock technology indicators. In today's culture, how to increase the accuracy of predicting stock prices is an open subject. In this project, we are going to implement different models and algorithms to compare and predict the stock price over a period. The models used include LSTM Networks, Artificial Neural Networks, Support Vector Regression, and Polynomial Regression Well also compare which model is more accurate at predicting stock prices.	
65	18691A0551, 18691A05F0, 18691A05F1, 18691A05D9	Forecating Bitcion Price Using Optimized Deep Learning Techniques	A Cryptocurrency is a digital currency that generated by the Block cham Network which provides secure Transactions and pen to the user. Cryptocurrencies ate Decentralized currency provides global acceptance, easy exchange, and High-Level Security and Financial growth the investment these attracted Investor's to invest their money in the Cryptocurrencies. Bitcoin which is the most popular cryptocurrency in the world. The current market capitalization of Bitcoin is 9 billion USD, and it is making transactions of over 2.50,000 per day and it is traded in over 40 countries and exchanges accepting over 30 different currencies. Forecasting and prediction of the prices play an important role in the financial industry and many Statistical computational techniques are used to overcome the problem. To identify the most efficient algorithm for the bitcoin price prediction by comparing the Root mean square Errors and Absolute Mean Errors for both Machine Learning Deep Learning Algorithms	Dr. P. V. Venkateswara Rao
66	18691A05C2, 18691A05G2, 18691A05G7, 18691A05H9	Currency Classification Using Deep Learning	In recent years, deep learning has become the most popular research direction. It manly trains the dataset through neural networks There are many different models that can be used in this research project. Throughout these models, accuracy of currency recognition can be improved Obviously, such research methods are in line with our expectations. In this paper, we mainly use transfers learning (Mobile Net) model based on deep learning as the framework, Convolutional Neural Network (CNN) model to extract the features of paper currency, so that we can more accurately classify the currency Our main contribution is through using CNN and Mobile Net, the average accuracy of currency classification is up to 99%	Mr.B.S.H.Shayeez Ahmed
67	18691A05D2, 19695A0517,	Deep Learning For Plant Species Classification	Biodiversity protection is critical, and we need to learn more about the species in order to do it. It's difficult to identify plant species using	Mr.Anandaraj B

	18691A05F7		traditional hand-crafted traits. Non-experts have a hard time remembering botanical words. The concept of automatically identifying plant species is becoming a reality. In this case, machine learning and deep learning are crucial. As a result, we're using deep learning-based Convolutional Neural Networks (CNN) to extract features from leaf photos and classify plant species. Deep learning techniques trump all handcrafted techniques.	
68	18691A0529, 18691A0570, 18691A05C4, 19695A0516	Server Processor Bench Marking	Benchmarking is the process of comparing a company's products, services, or operations to another company that is regarded as the best in the industry, sometimes known as "best in dies Benchmarking is used to identify internal areas where you may improve. Examiner performing companies, understanding what makes them successful, and comparing the process your own Benchmarking is the process of comparing and analyzing an organization's pod services, operations, and other business processes to those of competitors or industry leaders. It businesses in finding and comprehending potential growth areas. Modem CPUs have evolved ate extremely complex computers Single-core performance only slight gams since the end of the frequency scaling period. As Moore's Law and Dennard's scaling come to an end, computer dangers are focusing their efforts on multi-core of many-core systems which combine several processor cores. Benchmarking enables administrators to keep track of server resources, monitor consumption, optimize performance, and anticipate problems. Simple server configuration changes can improve the performance of both physical and virtual computers (VMs). For the project, we're developing several benchmarks to ensure the best performance for AMD microprocessors and chips of various generations Database Benchmarking is one of my specialized tasks	Dr.V.Arun
69	19691A0519	Flight Reservation System	Airline Reservation System contains the details about flight schedules and its fare tariffs, passenger reservations and ticket records. An airline's inventory contains all flights with their available seats. The inventory of an airline service is generally divided into three category of classes (e.g. First, Business or Economy class) and each category is having seats up to 26 bookings, along with prices and booking conditions. Inventory data is imported and maintained through a Schedule Distribution System over standardized interfaces. One of the core functions of the inventory management of airline reservations is the inventory control. Inventory	Mr G.Sreenivasulu

			control steers how many seats are available for the different booking classes, by opening and closing individual booking classes for sale. In combination with the fares and booking conditions stored in the Fare Quote System the price for each sold seat is determined.	
70	19695A0518	MEDIC LAB	Hospital currently uses a manual system for the management and maintenance of critical information. This technique requires numerous paper forms, with data stores spread throughout the hospital management infrastructure. To serve the necessities of management of inpatient and outpatient story, the mechanism of patients' visits and bed reservation from the GPs (general practitioners) yet because the management of the drug store, this method will increase patient satisfaction by reducing waiting times and staff morale through high-quality information systems and infrastructure. This is often where the Medic Lab comes into play, Medic Lab is an approach to meet the specific requirement of the mid and massive size hospitals across the planet. A significant portion of the Hospital Information Systems currently consists of various individual legacy applications that have to be integrated, to deliver a more unified solution. The performance, reliability and other factors of these applications can alter the performance, reliability and other characteristics of integrated Solution. The Medic Lab component will relies heavily on the actual resources made available to it for its proper functioning, operation and maintenance. The scope of this is to improve the quality of health care provision, to minimise the institution's costs, to ameliorate time management, to increase training capabilities and to improve remote patient record access.	Mr Anandaraj B
71	18691A05F3, 18691A05E6, 18691A05G4, 18691A05H4	Object Detection Using YOLO Model	Object detection is one of the difficult use of PC vision, which has been broadly applied in numerous areas for e.g., independent vehicles, Robotics, Security following, Guiding Visually Impaired Peoples and so on. With the fast improvement of profound learning numerous calculations were working on the connection between video examination and picture understanding. This large number of calculations work diversely with their organization engineering however with similar point of identifying different items inside complex picture. Nonappearance of vision impedance restriction the development of the individual in a new spot and thus it is extremely vital for take help from our advances and	Dr.R.Sudhakar

			prepared them to direct visually impaired people groups at whatever point they need it. At the point when we take a gander at pictures or recordings, we can without much of a stretch find and distinguish the objects of our advantage inside minutes. Giving this insight to PCs is only article discovery - finding the article and distinguishing it. Object Detection has found its application in a wide assortment of spaces like video observation, picture recovery frameworks, independent driving vehicles and some more. Different calculations can be utilized for object location yet we will zero in on the YoloV3 calculation. Just go for it means "You Only Look Once".	
72	18691A0596, 18691A05G5	Forecasting Sales Volume Using Regression Algorithms	Shopping malls nowadays keep track of individual item sales data in order to estimate future client demand and alter inventory management in order to satisfy consumer wants on time and preferably Using a variety of machine learning methods, this store sales data may be used to forecast future sales Because customer sales data is very dependent, the proposed effort would construct a predictive model based on multiple regression techniques in order to estimate business sales These data stores, which are part of a data warehouse, contain a large quantity of customer information as well as the item details they've purchased. Querying the data store from the data warehouse might reveal more anomalies and trends. The main aim of proposed initiative is to provide a solution that can forecast sales for various merchants in order to increase performance over current systems.	Mr.G.Muthugurunathan
73	18691A05I1	Deep Learning Based Detector For Face Mask Recognition	With the number of positive cases of Covid-19 infection is increasing, it is essential for everyone to wear a face mask and prevent the spread of Covid. As people are gathering in a large number at different locations, it is quite important for everyone to wear a face mask and prevent the covid spread. With the increase in the crowd gathering, it is often hard to see who is not wearing a mask. Although various techniques have been proposed earlier for face mask detection, the results have not been effective. This paper proposes region-based deep learning detection techniques for face mask detection using Faster R-CNN. The proposed model uses ResNet-50 as RPN which generates anchors and output region proposals. Later, ROI pooling is used to map the feature map in proposal to target dimensions. Finally, a classifier is used to output the final class	Dr.r.Anandakumar

			and bounding box around the face. The proposed work attained a final mean average precision (mAP) of 45% over 30 epochs.	
74	18691A05C6, 18691A05H2, 18691A05I2, 18691A05I3	Plant Disease Classification Using AlexNet	In modern agriculture field, pest and disease identification is a major role of crop cultivation Image classification using deep convolutional neural networks of provide the quick and easy system implementation for classification of disease. Pests and diseases are harming to plant production worldwide, but verifications of these disease is very difficult in massive scale and involves collecting images from Image Net dataset.	Mr.B.Galeebathullah
75	18691A05G8, 18691A05D7	RES Link Android Application	At present, there are lots and lots of resources on the Internet for any programming language or course that an individual wants to learn. But finding the correct course/YouTube channel that deals with the topic efficiently might be time consuming and is a challenging job. Though there are websites and YouTube videos on this category they might not be well verified and posted them. Our Proposed approach aims to provide the best hyperlinks on the topic via an Android Application that the user searches for Users can easily click on the link and get navigated to the quality content within seconds. The app is quite easy to navigate through. All the users have to do is Signup and use it	Dr.D.J.Asphin Pabi
76	18691A05D5, 18691A05E8, 18691A05F4, 18691A05F6	Real Time Face Recognisition and Facial Attribute (Emotion, Age, Gender)Prediction	Facial Expression conveys non-verbal cues, which plays an important role in interpersonal relations. The Facial Expression Recognition system is the process of identifying the emotional state of a person. In this system captured image is compared with the trained dataset available in database and then emotional state of the image will be displayed. The emotion, gender and age recognition has been dealt in real time video stream. The backbone of our system consists of several Deep Convolutional Neural Network (CNN) To power these networks, we utilized a large, labelled dataset through a semi supervised pipeline to reduce the annotations efforts and time. Age, gender and facial expression classification has become relevant to an increase amount of applications, particularly since the rise of social media. Nevertheless, performance of the existing methods on the real-world images has scope of improvement, especially as compared to the tremendous leaps in performance recently reported for the related task of Face Recognition. In these papers, it is claimed that by learning representations using Deep Convolution Neural Network, a	Mr.Siva Sairam Prasad Kodali

			significant increase in performance can be obtained on these tasks. We proposed a simple convolutional net architecture that can be used easily.	
77	18691A05C8, 18691A05D1, 18691A05F8, 19695A0520	Automatic Vacant Parking Places Management System	As the population is growing the number of vehicles are increasing drastically on roads. At the same time parking large vehicles or trucks in parking lots of large complexes or other places is becoming difficult as well as expensive. As a consequence, our research suggests a method for detecting and mapping vehicles into parking places in a parking lot. In case of large parking lots, some vehicles may block vacant parking spots beside them from the vision of the vehicle driver. Due to these kinds of situations, a sort of traffic jam is likely to occur in parking lots which might be difficult to clear soon. So, our project with the help of surveillance cameras, can avoid these kinds of confusions in parking lots and gives a clear image on vacant parking spots. Our proposed system uses convolutional neural networks and SVM algorithms in machine learning to detect the vehicle and classify the parking lot into occupied or unoccupied. Our proposed system was created for realistic scenarios that included a variety of closures, light changes, and weather conditions places management system	Dr. R.Nidhya
78	18691A0540, 18691A0562, 18691A0569, 18691A0582	Smart Car Parking Management Using Machine Learning	Smart car parking management is a crucial challenge in urban areas due to increasing vehicle density and limited parking spaces. This project leverages machine learning to optimize parking space allocation and enhance the overall parking experience. Using real-time data from cameras, sensors, or IoT devices, the system detects available parking spots, predicts occupancy trends, and guides drivers to the nearest vacant space. Machine learning algorithms analyze historical and real-time data to improve space utilization and reduce congestion. Additionally, the system can integrate with mobile applications for seamless navigation and reservation. By automating parking management, this solution enhances efficiency, minimizes fuel wastage, and contributes to smarter, more sustainable urban mobility.	Mrs.R.Usha
79	18691A0572, 18691A0593, 18691A0594, 18691A05A7	Skin Cancer Classification Frame Work	Skin cancer is one of the most prevalent forms of cancer, and early detection is crucial for effective treatment. This project presents a deep learning-based framework for skin cancer classification, utilizing convolutional neural networks (CNNs) to analyze and classify skin lesions from medical images. The system processes dermatological	Mrs G.Vasundhara Devi

			images to distinguish between benign and malignant lesions, improving diagnostic accuracy and assisting dermatologists in early detection. By leveraging large datasets and advanced deep learning architectures, the model enhances classification performance while reducing human error. The proposed framework aims to provide a reliable, automated solution for skin cancer diagnosis, contributing to more efficient and accessible healthcare.	
80	18691A05A6, 18691A05C3, 18691A05C5, 18691A05E2	Identifying Breast Cancer risk severity in Women	Breast cancer is a leading cause of mortality among women, making early detection and risk assessment essential for effective treatment. This project utilizes deep learning techniques to identify and classify the severity of breast cancer risk in women. Convolutional neural networks (CNNs) analyze medical imaging data, such as mammograms, to detect patterns indicative of different cancer stages. The system provides a risk severity score, aiding healthcare professionals in early diagnosis, risk stratification, and personalized treatment planning. By leveraging AI-driven medical analysis, this framework enhances diagnostic accuracy, reduces human error, and supports timely interventions, ultimately improving patient outcomes.	Mr.G.Muthugurunathan
81	18691A05E5, 18691A05E7, 18691A05F2	Deep Learning Based Smart Framing Management System	The rapid advancements in deep learning have paved the way for smarter and more efficient agricultural management. This project presents a Deep Learning-Based Smart Farming Management System that leverages AI-driven techniques to optimize farming operations. The system utilizes data from sensors, drones, and satellite imagery to monitor crop health, detect diseases, predict yields, and optimize resource usage. Convolutional neural networks (CNNs) and recurrent neural networks (RNNs) analyze real-time data to provide actionable insights, enhancing decision-making for farmers. By automating critical agricultural processes, this framework improves productivity, reduces waste, and promotes sustainable farming practices, ultimately leading to higher crop yields and efficient resource management.	Dr.Santhoshinee Mohapatra

			Convolutional Neural Networks (CNNs) and Recurrent Neural Networks (RNNs) analyze motion patterns to accurately detect activities such as walking, running, sitting, and other physical movements. By leveraging deep learning models, the system enhances real-time activity monitoring, providing valuable insights for healthcare professionals, security systems, and personalized fitness tracking. This framework aims to improve accuracy, adaptability, and automation in activity recognition, contributing to advancements in smart environments and AI-driven analytics.	

Project Coordinator

Head of the Department