MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

Department of Computer Science & Engineering 2022-2023 Students Internship Details

S. No	Roll	Name	Title	Company Name	Start Date	End Date	DESCRIPTION
1	19691A0503	ABHISHEK. B	Lung cancer detection using GAN appraoch and SVM	LTI MINDTREE	Feb. 22, 2023	May 15, 2023	The "Lung Cancer Detection Using GAN Approach and SVM" project combines Generative Adversarial Networks (GANs) and Support Vector Machines (SVM) for accurate lung cancer detection. GANs are used to generate synthetic medical images, enhancing the training dataset for better model performance. SVM is then applied to classify lung cancer stages based on these images. This project aims to improve diagnostic accuracy and provide early-stage detection, helping healthcare professionals in making timely and informed treatment decisions.
2	19691A0505	AJITH KUMAR. V R	Human activity recognition using logistic regression	LTI MINDTREE	Feb. 23, 2023	May 13, 2023	The "Human Activity Recognition Using Logistic Regression" project applies logistic regression to classify and recognize human activities, such as walking, running, or sitting, based on sensor data (e.g., accelerometer or gyroscope readings). By analyzing movement patterns, the model predicts the activity with high accuracy. This system can be used in health monitoring, smart homes, and fitness applications, enabling real-time activity tracking and personalized recommendations based on user behavior.
3	19691A0506	AMEER SUHAIL. S	Student digital instance	COGNIZANT	Jan. 24, 2023	July 14, 2023	The "Student Digital Instance" project involves creating a digital platform to manage and track student data, such as academic records, attendance, assignments, and personal information. Using machine learning, the system can predict student performance, suggest resources, and identify students at risk of falling behind. This platform improves educational efficiency, enhances student-teacher interactions, and supports personalized learning by offering tailored recommendations and real-time insights into student progress.
4	19691A0507	AMREEN KOUSAR. S	Detection of diseases using facial features with DL	Infobell IT Solutions Pvt Ltd	Jan. 2, 2023	July 2, 2023	The "Detection of Diseases Using Facial Features with Deep Learning" project utilizes deep learning to identify potential health conditions based on facial features. By analyzing facial images, the system detects signs of diseases such as Parkinson's, diabetes, or malnutrition. Using convolutional neural networks (CNNs), the model extracts relevant features and classifies the health conditions. This project aims to provide non-invasive, early detection for various diseases, enhancing preventive healthcare and improving patient outcomes.
5	19691A0508	ANUDEEP REDDY. E	Brain tumour detection from MRI images using CNN	Infobell IT Solutions Pvt Ltd	Jan. 2, 2023	July 2, 2023	The "Brain Tumor Detection from MRI Images Using CNN" project focuses on identifying and classifying brain tumors using convolutional neural networks. The system preprocesses MRI images and extracts relevant features for precise tumor detection. By automating diagnosis, it reduces manual effort and improves accuracy. This project aims to assist radiologists in early detection, enhancing treatment planning. Scalable and efficient, it integrates seamlessly with medical workflows to improve healthcare outcomes.
6	19691A0518	BHARGAVA REDDY.	Human activity recognition using logistic regression	LTI MINDTREE	Feb. 21, 2023	April 30, 2023	The "Human Activity Recognition Using Logistic Regression" project applies logistic regression to classify and recognize human activities, such as walking, running, or sitting, based on sensor data (e.g., accelerometer or gyroscope readings). By analyzing movement patterns, the model predicts the activity with high accuracy. This system can be used in health monitoring, smart homes, and fitness applications, enabling real-time activity tracking and personalized recommendations based on user behavior.

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S. No	Roll	Name	Title	Company Name	Start Date	End Date	DESCRIPTION
7	19691A0521	CHAITHANYA KRISHI	Smart real estate using ML	AUROPRO SOFT	Jan. 23, 2023	July 27, 2023	The "Smart Real Estate Using ML" project applies machine learning to predict property values, optimize investment decisions, and enhance real estate management. By analyzing historical data on property prices, location, features, and market trends, machine learning models identify patterns to forecast future trends and recommend ideal investments. This system helps buyers, sellers, and real estate agents make data-driven decisions, improving efficiency and profitability in the real estate market.
8	19691A0528	DIVYA SREE. P	Early Stage Prediction of Lung Cancer using DL	Infobell IT Solutions Pvt Ltd	Jan. 2, 2023	July 2, 2023	The "Early Stage Prediction of Lung Cancer Using Deep Learning" project utilizes deep learning models, such as convolutional neural networks (CNNs), to detect early signs of lung cancer from medical imaging data, like CT
9	19691A0531	FAREEDHA. N	Image detection and text to speech conversion using NLP	Infobell IT Solutions Pvt Ltd	Jan. 2, 2023	July 2, 2023	The "Image Detection and Text to Speech Conversion Using NLP" project combines computer vision and natural language processing (NLP) to detect objects in images and convert detected text into speech. The system uses image recognition models to identify objects or text, which are then processed by an NLP model to generate speech. This project is useful for accessibility applications, aiding visually impaired individuals by describing images and converting written content into audible information.
10	19691A0534	GANESH. K	Heartattack data analysis and prediction	Infobell IT Solutions Pvt Ltd	Jan. 2, 2023	July 2, 2023	The "Heart Attack Data Analysis and Prediction" project uses machine learning algorithms to analyze patient data and predict the likelihood of a heart attack. By examining features like age, cholesterol levels, blood pressure, and other health indicators, the model identifies risk factors. It helps healthcare professionals in early diagnosis and prevention by providing timely alerts. This project aims to improve patient outcomes through data-driven insights and enhance preventive healthcare strategies.
11	19691A0536	GANGA BHAVANI. M	Traffic prediction for intelligent transportation system using ML	UNSCHOOL	Oct. 30, 2023	April 30, 2023	The "Traffic Prediction for Intelligent Transportation System Using ML" project applies machine learning algorithms to predict traffic patterns and congestion in real-time. By analyzing historical traffic data, weather conditions, and road events, the system forecasts traffic flow, peak times, and potential bottlenecks. This information can be used to optimize traffic signals, suggest alternate routes, and improve overall traffic management, enhancing road safety and reducing travel time in smart city infrastructure.
12	19691A0537	GAYATHRI. S	Early Stage Prediction of Lung Cancer using DL	Infobell IT Solutions Pvt Ltd	Jan. 2, 2023	July 2, 2023	The "Early Stage Prediction of Lung Cancer Using Deep Learning" project utilizes deep learning models, such as convolutional neural networks (CNNs), to detect early signs of lung cancer from medical imaging data, like CT

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13	19691A0538	GHOUSIA BANU. S	Chatbot based on emotions using DL	LTI MINDTREE	Feb. 22, 2023	May 3, 2023	The "Chatbot Based on Emotions Using Deep Learning" project develops an intelligent chatbot capable of detecting and responding to user emotions. Using deep learning models like LSTMs or transformers, the chatbot analyzes text inputs to identify emotional states such as happiness, sadness, or frustration. It then tailors responses to match the detected emotions, improving user interaction. This project enhances customer service, mental health support, and human-computer communication through emotion-aware dialogue systems.
14	19691A0541	GNANESWAR. A	Driver Drowsiness Detection using DL	ZOHO	Dec. 19, 2022	May 19, 2023	The "Driver Drowsiness Detection Using Deep Learning" project employs deep learning techniques to monitor driver alertness and detect signs of drowsiness. By analyzing facial features, eye movements, and head poses through real-time video or camera feeds, the system identifies fatigue-related indicators. The model alerts the driver to prevent accidents. This project aims to enhance road safety by providing an automated, non-intrusive method for drowsiness detection in vehicles.
15	19691A0543	GREESHMA. J	Image Captioning for visually impaired using ML	COGNIZANT	March 30, 2023	Aug. 11, 2023	The "Image Captioning for Visually Impaired Using ML" project uses machine learning to generate descriptive captions for images, making visual content accessible to visually impaired individuals. By combining convolutional neural networks (CNNs) for image feature extraction and recurrent neural networks (RNNs) for text generation, the system creates accurate, context-aware captions. This project enhances accessibility, allowing visually impaired users to understand and engage with images in real-time through speech or text output.
16	19691A0545	HARSHA PRIYA. K	Detection of diseases using facial features with DL	Infobell IT Solutions Pvt Ltd	Jan. 2, 2023	July 2, 2023	The "Detection of Diseases Using Facial Features with Deep Learning" project utilizes deep learning to identify potential health conditions based on facial features. By analyzing facial images, the system detects signs of diseases such as Parkinson's, diabetes, or malnutrition. Using convolutional neural networks (CNNs), the model extracts relevant features and classifies the health conditions. This project aims to provide non-invasive, early detection for various diseases, enhancing preventive healthcare and improving patient outcomes.
17	19691A0546	HARSHITHA. K	Smart intruder detection	LTI MINDTREE	Feb. 28, 2023	May 3, 2023	The "Smart Intruder Detection" project uses machine learning and sensor technologies to detect unauthorized access or intruders in a secured area. By analyzing inputs from cameras, motion sensors, or door/window sensors, the system identifies unusual patterns or behaviors that suggest a security breach. The system can trigger real-time alerts or initiate countermeasures, enhancing security in homes, offices, or restricted zones. This project provides an intelligent, automated solution for intruder detection and prevention.
18	19691A0547	HEMANTH KUMAR.	Fake profile identification in social network using ML and NLP	Infobell IT Solutions Pvt Ltd	Jan. 2, 2023	July 2, 2023	The "Fake Profile Identification in Social Networks Using ML and NLP" project applies machine learning and natural language processing techniques to detect fake profiles on social media platforms. By analyzing user data, text patterns, and interaction behaviors, the model identifies suspicious profiles. NLP techniques, such as sentiment analysis and entity recognition, help assess the authenticity of profile content. This project aims to enhance platform security, reduce misinformation, and improve user trust by flagging fraudulent profiles.

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19	19691A0553	JAI SAI NATH REDDY	Prediction of chronic kidney disease	LTI MINDTREE	Feb. 23, 2023	May 3, 2023	The "Prediction of Chronic Kidney Disease" project uses machine learning algorithms to predict the likelihood of chronic kidney disease (CKD) based on patient data. Key features such as age, blood pressure, serum creatinine levels, and urine albumin are analyzed to assess kidney function. Algorithms like logistic regression, decision trees, or random forests classify individuals at risk, helping healthcare providers in early diagnosis and intervention, ultimately improving patient outcomes and reducing the disease's progression.
20	19691A0556	JAYANTH KUMAR. Y	Human activity recognition using logistic regression	LTI MINDTREE	Feb. 21, 2023	April 30, 2023	The "Human Activity Recognition Using Logistic Regression" project applies logistic regression to classify and recognize human activities, such as walking, running, or sitting, based on sensor data (e.g., accelerometer or gyroscope readings). By analyzing movement patterns, the model predicts the activity with high accuracy. This system can be used in health monitoring, smart homes, and fitness applications, enabling real-time activity tracking and personalized recommendations based on user behavior.
21	19691A0559	KARTHIK. K	Stress detection based on social media blogs	Infobell IT Solutions Pvt Ltd	Jan. 2, 2023	July 2, 2023	The "Stress Detection Based on Social Media Blogs" project utilizes natural language processing (NLP) and machine learning to analyze social media blogs for signs of stress. By examining text for emotional tone, sentiment, and keyword patterns, the system identifies posts indicating stress, anxiety, or depression. This can be used to offer early interventions or support, enabling better mental health monitoring and care by analyzing online content for emotional well-being insights.
22	19691A0561	KAVYA. K	Discovery and avoidance of phishing websites using ML	LTI MINDTREE	Feb. 22, 2023	May 3, 2023	The "Discovery and Avoidance of Phishing Websites Using ML" project applies machine learning algorithms to detect and prevent phishing websites. By analyzing features such as URL patterns, website content, and user behavior, the system classifies websites as legitimate or phishing. Machine learning models, like decision trees or random forests, are trained on datasets containing both types of sites. This system helps users avoid fraudulent websites, protecting personal data and enhancing cybersecurity.
23	19691A0563	KEERTHANA. A	Fake profile identification in social network using ML and NLP	JLL TECHNOLOGIES	Jan. 10, 2023	July 10, 2023	The "Fake Profile Identification in Social Networks Using ML and NLP" project applies machine learning and natural language processing techniques to detect fake profiles on social media platforms. By analyzing user data, text patterns, and interaction behaviors, the model identifies suspicious profiles. NLP techniques, such as sentiment analysis and entity recognition, help assess the authenticity of profile content. This project aims to enhance platform security, reduce misinformation, and improve user trust by flagging fraudulent profiles.
24	19691A0577	LOHITH. R	Realtime Object Detection with Audio Feedback using YOLOv4	LTI MINDTREE	Feb. 22, 2023	May 3, 2023	The "Realtime Object Detection with Audio Feedback Using YOLOv4" project combines real-time object detection with audio feedback to enhance accessibility. YOLOv4 (You Only Look Once) is used to detect objects in live video feeds, while the system generates corresponding audio descriptions for each detected object. This approach aids visually impaired individuals by providing audible cues about their surroundings, improving navigation and interaction with the environment through a seamless combination of computer vision and audio technology.

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25	19691A0578	MADEEP. Y	Smart real estate using ML	AUROPRO SOFT	Jan. 23, 2023	June 27, 2023	The "Smart Real Estate Using ML" project applies machine learning to predict property values, optimize investment decisions, and enhance real estate management. By analyzing historical data on property prices, location, features, and market trends, machine learning models identify patterns to forecast future trends and recommend ideal investments. This system helps buyers, sellers, and real estate agents make data-driven decisions, improving efficiency and profitability in the real estate market.
26	19691A0584	MANOGNA. R	Identification of paddy plant diseases using Deep Learning Techniques	LTI MINDTREE	Feb. 22, 2023	May 3, 2023	The "Identification of Paddy Plant Diseases Using Deep Learning Techniques" project leverages deep learning models, such as convolutional neural networks (CNNs), to detect and classify diseases in paddy plants. By analyzing images of plant leaves, the system identifies symptoms of diseases like blast or brown spot. This project aids farmers in early disease detection, enabling timely intervention and reducing crop loss, thus promoting healthier, more sustainable farming practices.
27	19691A0594	MOUNIKA. M	Electric Vechicles Charging Load Forecasting and Scheduling using DL	LTI MINDTREE	Feb. 22, 2023	May 3, 2023	The "Electric Vehicles Charging Load Forecasting and Scheduling Using DL" project uses deep learning techniques to predict the charging demand of electric vehicles (EVs) and optimize their charging schedules. By analyzing historical charging data, user behavior, and grid conditions, the system forecasts peak load times and allocates resources efficiently. This approach helps manage energy consumption, reduces grid strain, and ensures optimal charging times, promoting sustainability and efficiency in the growing EV sector.
28	19691A05A5	NEHA. G	Mood based music recommendation system	LTI MINDTREE	Feb. 20, 2023	May 3, 2023	The "Mood-Based Music Recommendation System" uses machine learning to suggest music based on a user's current mood. By analyzing inputs such as facial expressions, voice tone, or user preferences, the system identifies the mood and recommends songs that match it. Algorithms like collaborative filtering or deep learning are used to personalize suggestions. This project enhances the music listening experience, providing users with tailored playlists that reflect their emotional state.
29	19691A05A6	NOUSHEEN. M	Fraud detection in credit card data using unsupervised ML based algorithm	Infobell IT Solutions Pvt Ltd	Jan. 2, 2023	July 2, 2023	The "Fraud Detection in Credit Card Data Using Unsupervised ML-Based Algorithm" project focuses on identifying fraudulent transactions without labeled data. Using unsupervised machine learning techniques like clustering or anomaly detection, the system analyzes transaction patterns to detect outliers, which may indicate fraud. By learning from normal transaction behaviors, it flags suspicious activities for further review. This approach improves fraud detection accuracy in real-time, enhancing security and reducing financial losses.
30	19691A05B1	PRASANTH KUMAR.	One way Hashing for Password Authentication	LTI MINDTREE	Feb. 23, 2023	May 3, 2023	The "One-Way Hashing for Password Authentication" project employs one-way hash functions to securely store and verify passwords. When a user enters their password, it is hashed using algorithms like SHA-256 or bcrypt, and only the hash value is stored in the database. During authentication, the entered password is hashed again and compared to the stored hash. This ensures that even if the database is compromised, the original passwords remain secure, enhancing system security.

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31	19691A05B3	PRAVEEN KUMAR. R	A self diagnostic healthcare chatbot using ML	LTI MINDTREE	Feb. 28, 2023	May 3, 2023	The project, "A Self-Diagnostic Healthcare Chatbot Using ML," focuses on developing an intelligent chatbot system capable of providing preliminary medical insights based on user inputs. Leveraging machine learning (ML) algorithms, the chatbot is designed to analyze symptoms described by users in natural language and suggest potential causes or conditions. The chatbot integrates natural language processing (NLP) for understanding user queries and a decision-support model trained on healthcare datasets to predict possible diagnoses.
32	19691A05B4	PRUTHVI REDDY. T	Text Summarization using NLP	Infobell IT Solutions Pvt Ltd	Jan. 2, 2023	July 2, 2023	The "Text Summarization Using NLP" project applies natural language processing (NLP) techniques to automatically generate concise summaries of long text documents. By utilizing algorithms such as extractive and abstractive summarization, the system extracts key points or generates a new, shorter version of the original text. This project is useful for processing large volumes of information quickly, enabling efficient content consumption, and assisting in applications like news aggregation, legal document analysis, and academic research.
33	19691A05B5	PUJITHA. G	Discover customers gender from online shopping behaviour	LTI MINDTREE	Feb. 22, 2023	May 3, 2023	The "Discover Customer's Gender from Online Shopping Behavior" project uses machine learning to predict customer gender based on their online shopping patterns. By analyzing data such as product preferences, browsing history, and purchase behavior, the model identifies gender-specific trends. This information helps businesses tailor marketing strategies, personalize recommendations, and improve customer targeting. The project aims to enhance user experience and increase sales by delivering more relevant and personalized content to customers.
34	19691A05B6	RACHAPALLI NAYAZ	Liver disease prediction using ML	LTI MINDTREE	Feb. 22, 2023	May 3, 2023	The "Liver Disease Prediction Using ML" project uses machine learning algorithms to predict liver disease based on patient data, such as age, gender, bilirubin levels, and other medical indicators. The system analyzes historical data to identify patterns and classify individuals as at risk of liver diseases like cirrhosis or hepatitis. This project helps healthcare professionals in early diagnosis and intervention, improving patient outcomes through timely and accurate predictions.
35	19691A05B7	RAJENDRA PRASAD.	SMS Spam Detection using ML	LTI MINDTREE	Feb. 23, 2023	May 3, 2023	The "SMS Spam Detection Using ML" project applies machine learning algorithms to classify text messages as spam or legitimate. By analyzing features like word frequency, sender information, and message structure, the model is trained on labeled SMS datasets to identify spam patterns. Algorithms like Naive Bayes, SVM, or Random Forest are commonly used. This system helps filter unwanted messages, protecting users from fraud, phishing, and unsolicited content while enhancing mobile security.
36	19691A05B9	RAKSHITHA. S	Text Summarization using NLP	LTI MINDTREE	Feb. 22, 2023	May 3, 2023	The "Text Summarization Using NLP" project applies natural language processing (NLP) techniques to automatically generate concise summaries of long text documents. By utilizing algorithms such as extractive and abstractive summarization, the system extracts key points or generates a new, shorter version of the original text. This project is useful for processing large volumes of information quickly, enabling efficient content consumption, and assisting in applications like news aggregation, legal document analysis, and academic research.

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37	19691A05C8	ROHITH NAIDU. G	Accident detection	LTI MINDTREE	Feb. 23, 2023	May 3, 2023	The "Accident Detection" project focuses on creating a system to identify road accidents in real-time using sensor data, GPS, and machine learning algorithms. By analyzing parameters like abrupt speed changes and impact force, it sends instant alerts to emergency services with location details. This system reduces response times, potentially saving lives, and is particularly valuable in remote areas. Integration with mobile and vehicular devices ensures accessibility and practical deployment.
38	19691A05C9	SAI CHARITHA. V	Early Stage Prediction of Lung Cancer using DL	Infobell IT Solutions Pvt Ltd	Jan. 2, 2023	July 2, 2023	The "Early Stage Prediction of Lung Cancer Using Deep Learning" project utilizes deep learning models, such as convolutional neural networks (CNNs), to detect early signs of lung cancer from medical imaging data, like CT
39	19691A05D0	SAI DEEPA. B	Machine learning algorithms using for forecasting thyroid disease	LTI MINDTREE	Feb. 23, 2023	May 3, 2023	Machine learning algorithms, such as decision trees, support vector machines (SVM), and random forests, are commonly used for forecasting thyroid disease. These algorithms analyze medical data, including hormone levels, age, and symptoms, to predict thyroid disorders like hyperthyroidism or hypothyroidism. By training models on historical patient data, these algorithms can classify individuals at risk and provide early warning signs, helping healthcare providers make informed decisions and offering better patient care through personalized treatment plans.
40	19691A05D3	SAI MADHURI. V	Securing product integrity with blockchain based verification solutions	LTI MINDTREE	Feb. 23, 2023	May 3, 2023	The "Securing Product Integrity with Blockchain-Based Verification Solutions" project leverages blockchain technology to ensure the authenticity and traceability of products. Each product is assigned a unique identifier recorded on a decentralized blockchain ledger, which securely tracks its journey from manufacture to delivery. This system prevents counterfeiting, verifies the product's origin, and enhances transparency in supply chains. The project is ideal for industries like pharmaceuticals, luxury goods, and electronics, improving consumer trust and product security.
41	19691A05D4	SAI MOUNIKA. A	Student digital instance	JLL TECHNOLOGIES	Jan. 12, 2023	July 10, 2023	The "Student Digital Instance" project involves creating a digital platform to manage and track student data, such as academic records, attendance, assignments, and personal information. Using machine learning, the system can predict student performance, suggest resources, and identify students at risk of falling behind. This platform improves educational efficiency, enhances student-teacher interactions, and supports personalized learning by offering tailored recommendations and real-time insights into student progress.
42	19691A05E1	SANKAR. M	Brain disease classification from MRI	LTI MINDTREE	Feb. 23, 2023	May 3, 2023	The "Brain Disease Classification from MRI" project employs deep learning techniques to analyze MRI scans for detecting and classifying brain diseases such as tumors, Alzheimer's, or stroke. Preprocessed MRI images are fed into a convolutional neural network (CNN) for feature extraction and classification. The system aims to assist medical professionals by providing accurate, early diagnostics. This project ensures scalability, robust performance, and integration potential with healthcare systems for enhanced patient care.

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43	19691A05E9	SHEKHAR REDDY. B	Malware simulation using ML	AUROPRO SOFT	Jan. 23, 2023	July 23, 2023	The "Malware Simulation Using ML" project utilizes machine learning techniques to detect and simulate malware behavior in computer systems. By training models on features extracted from benign and malicious files, such as file metadata, system calls, or network traffic, the system identifies patterns associated with malware. This project helps in early malware detection, enhancing cybersecurity defenses by recognizing and simulating malicious activity to predict and prevent potential security threats in real-time.
44	19691A05F1	SINDHU YADAV. P	Securing product integrity with blockchain based verification solutions	LTI MINDTREE	Feb. 23, 2023	May 3, 2023	The "Securing Product Integrity with Blockchain-Based Verification Solutions" project leverages blockchain technology to ensure the authenticity and traceability of products. Each product is assigned a unique identifier recorded on a decentralized blockchain ledger, which securely tracks its journey from manufacture to delivery. This system prevents counterfeiting, verifies the product's origin, and enhances transparency in supply chains. The project is ideal for industries like pharmaceuticals, luxury goods, and electronics, improving consumer trust and product security.
45	19691A05F2	SIVA KUMAR. J	One way Hashing for Password Authentication	LTI MINDTREE	Feb. 23, 2023	April 29, 2023	The "One-Way Hashing for Password Authentication" project employs one-way hash functions to securely store and verify passwords. When a user enters their password, it is hashed using algorithms like SHA-256 or bcrypt, and only the hash value is stored in the database. During authentication, the entered password is hashed again and compared to the stored hash. This ensures that even if the database is compromised, the original passwords remain secure, enhancing system security.
46	19691A05F6	SREEKANTH REDDY.	Traffic prediction for intelligent transportation system using ML	Shoppeal Tech Private Limited (OPC)	Jan. 19, 2023	March 19, 2023	The "Traffic Prediction for Intelligent Transportation System Using ML" project applies machine learning algorithms to predict traffic patterns and congestion in real-time. By analyzing historical traffic data, weather conditions, and road events, the system forecasts traffic flow, peak times, and potential bottlenecks. This information can be used to optimize traffic signals, suggest alternate routes, and improve overall traffic management, enhancing road safety and reducing travel time in smart city infrastructure.
47	19691A05F7	SREEKANTH. Y	Crop prediction based on Agricultural Environment using ML	LTI MINDTREE	Feb. 22, 2023	May 3, 2023	The "Crop Prediction Based on Agricultural Environment Using ML" project leverages machine learning to predict crop yields based on environmental factors such as weather, soil conditions, and irrigation patterns. By analyzing historical data, the model identifies optimal planting strategies for different crops. This project aids farmers in making informed decisions, improving crop productivity, and minimizing resource wastage. It also contributes to sustainable agriculture by providing data-driven insights for better crop management.
48	19691A05F8	SUKANYA. G	Classification of Alzheimer's disease using DL	LTI MINDTREE	Feb. 23, 2023	May 3, 2023	The "Classification of Alzheimer's Disease Using Deep Learning" project applies deep learning techniques to classify Alzheimer's disease from medical data, such as MRI scans or cognitive tests. Using convolutional neural networks (CNNs) or other deep models, the system detects early-stage Alzheimer's by identifying patterns indicative of brain degeneration. This project aims to assist healthcare professionals in early diagnosis, improving patient outcomes through timely intervention and personalized treatment strategies.

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49	19691A05F9	SUMATH KUMAR RE	Accident detection	LTI MINDTREE	Feb. 22, 2023	May 3, 2023	The "Accident Detection" project focuses on creating a system to identify road accidents in real-time using sensor data, GPS, and machine learning algorithms. By analyzing parameters like abrupt speed changes and impact force, it sends instant alerts to emergency services with location details. This system reduces response times, potentially saving lives, and is particularly valuable in remote areas. Integration with mobile and vehicular devices ensures accessibility and practical deployment.
50	19691A05G2	SURENDRA. T	Analysis of facial sentiments in a DL way	AUROPRO SOFT	Jan. 23, 2023	July 23, 2023	The "Analysis of Facial Sentiments Using Deep Learning" project focuses on identifying emotions from facial expressions using convolutional neural networks (CNNs). The system processes image datasets to classify sentiments like happiness, anger, or sadness. Advanced deep learning techniques, including transfer learning, enhance accuracy. This project finds applications in human-computer interaction, mental health analysis, and marketing, offering real-time emotion recognition while emphasizing scalability and robustness across diverse datasets.
51	19691A05G4	TEJASWI. K	Machine learning analysis of cryptocurrency market financial risk management	LTI MINDTREE	Feb. 23, 2023	May 3, 2023	The "Machine Learning Analysis of Cryptocurrency Market Financial Risk Management" project applies machine learning techniques to analyze cryptocurrency market trends and assess financial risks. By using algorithms like decision trees, random forests, and neural networks, the system predicts price volatility, liquidity, and potential risks. This project helps investors and traders identify high-risk assets, optimize portfolios, and make data-driven decisions, enhancing risk management strategies and improving overall market stability.
52	19691A05G5	THANISH KESWAR R	Analysis of facial sentiments in a DL way	AUROPRO SOFT	Jan. 23, 2023	July 23, 2023	The "Analysis of Facial Sentiments Using Deep Learning" project focuses on identifying emotions from facial expressions using convolutional neural networks (CNNs). The system processes image datasets to classify sentiments like happiness, anger, or sadness. Advanced deep learning techniques, including transfer learning, enhance accuracy. This project finds applications in human-computer interaction, mental health analysis, and marketing, offering real-time emotion recognition while emphasizing scalability and robustness across diverse datasets.
53	19691A05G7	THASLIMA. U D	Human activity recognition using logistic regression	LTI MINDTREE	Feb. 23, 2023	May 3, 2023	The "Human Activity Recognition Using Logistic Regression" project applies logistic regression to classify and recognize human activities, such as walking, running, or sitting, based on sensor data (e.g., accelerometer or gyroscope readings). By analyzing movement patterns, the model predicts the activity with high accuracy. This system can be used in health monitoring, smart homes, and fitness applications, enabling real-time activity tracking and personalized recommendations based on user behavior.
54	19691A05H7	VIJAY SIMHA REDDY	Finger print dial by ARDUINO	LTI MINDTREE	Feb. 23, 2023	May 3, 2023	The "Fingerprint Dial by Arduino" project involves creating a secure dialing system using fingerprint recognition. An Arduino microcontroller is integrated with a fingerprint sensor to scan and verify fingerprints. Once a valid fingerprint is detected, the system dials a pre-programmed phone number or connects to a communication device. This project enhances security and convenience by enabling hands-free, biometric-based access to phone functionalities, ideal for secure environments or personal use.

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S. No	Roll	Name	Title	Company Name	Start Date	End Date	DESCRIPTION
55	19691A05I3	YASASWINI. S	Finger print dial by ARDUINO	LTI MINDTREE	Feb. 23, 2023	May 3, 2023	The "Fingerprint Dial by Arduino" project involves creating a secure dialing system using fingerprint recognition. An Arduino microcontroller is integrated with a fingerprint sensor to scan and verify fingerprints. Once a valid fingerprint is detected, the system dials a pre-programmed phone number or connects to a communication device. This project enhances security and convenience by enabling hands-free, biometric-based access to phone functionalities, ideal for secure environments or personal use.
56	19691A05I5	YOGESH. C	Sign Language detection using DL	LTI MINDTREE	Feb. 23, 2023	May 3, 2023	The "Sign Language Detection Using Deep Learning" project uses deep learning techniques, such as convolutional neural networks (CNNs), to recognize and translate sign language gestures into text or speech. By analyzing video data of hand movements and facial expressions, the model learns to identify specific signs. This system aids communication for the hearing impaired, offering a real-time translation solution that bridges the gap between sign language users and non-sign language speakers.
57	19691A05J5	HIMA SIRI. K	Student digital instance	COGNIZANT	Jan. 24, 2023	June 1, 2023	The "Student Digital Instance" project involves creating a digital platform to manage and track student data, such as academic records, attendance, assignments, and personal information. Using machine learning, the system can predict student performance, suggest resources, and identify students at risk of falling behind. This platform improves educational efficiency, enhances student-teacher interactions, and supports personalized learning by offering tailored recommendations and real-time insights into student progress.
58	19699A0502	AKHIL. G	Skin cancer detection using DL	MBB Labs Private Limited	Feb. 27, 2023	Aug. 25, 2023	The "Skin Cancer Detection Using Deep Learning" project employs convolutional neural networks (CNNs) to classify and detect skin cancer from dermatological images, such as mole or lesion photos. The model is trained to identify abnormal skin patterns indicative of skin cancer types like melanoma, basal cell carcinoma, and squamous cell carcinoma. This system assists healthcare professionals in early diagnosis, enabling quicker intervention and improving patient outcomes by detecting skin cancer at its earliest stages.
59	19699A0503	ALEKHYA. V	Driver Drowsiness Detection using DL	LTI MINDTREE	Feb. 22, 2023	May 3, 2023	The "Driver Drowsiness Detection Using Deep Learning" project employs deep learning techniques to monitor driver alertness and detect signs of drowsiness. By analyzing facial features, eye movements, and head poses through real-time video or camera feeds, the system identifies fatigue-related indicators. The model alerts the driver to prevent accidents. This project aims to enhance road safety by providing an automated, non-intrusive method for drowsiness detection in vehicles.
60	19699A0504	VENKATESH. T	Bitcoin price prediction using ARIMA ML Model	LTI MINDTREE	Feb. 22, 2023	May 3, 2023	The "Bitcoin Price Prediction Using ARIMA ML Model" project applies the AutoRegressive Integrated Moving Average (ARIMA) model for forecasting Bitcoin prices. By analyzing historical time-series data, the model captures trends and patterns to predict future price movements. This project aids traders and investors in making informed decisions by providing accurate short-term predictions. It emphasizes data preprocessing, model optimization, and performance evaluation to ensure reliability in volatile cryptocurrency markets.

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S. No	Roll	Name	Title	Company Name	Start Date	End Date	DESCRIPTION
61	19699A0505	AYESHABEGUM. M	Deep learning based safe trade recommendation system	LTI MINDTREE	Feb. 22, 2023	May 3, 2023	The "Deep Learning-Based Safe Trade Recommendation System" project uses deep learning techniques to recommend secure trading opportunities. By analyzing historical market data, trends, and financial indicators, the system predicts safe investment options. Neural networks learn complex patterns to identify low-risk trades, providing personalized suggestions based on user preferences and risk tolerance. This system aims to help traders make informed decisions, reduce risks, and enhance profitability in volatile markets.
62	19699A0506	BHAVANA. K	Detection of diseases using facial features with DL	Infobell IT Solutions Pvt Ltd	Jan. 2, 2023	June 2, 2023	The "Detection of Diseases Using Facial Features with Deep Learning" project utilizes deep learning to identify potential health conditions based on facial features. By analyzing facial images, the system detects signs of diseases such as Parkinson's, diabetes, or malnutrition. Using convolutional neural networks (CNNs), the model extracts relevant features and classifies the health conditions. This project aims to provide non-invasive, early detection for various diseases, enhancing preventive healthcare and improving patient outcomes.
63	19699A0508	DIVYA. P	Sentiment analysis in wed scraping	LTI MINDTREE	Feb. 22, 2023	May 3, 2023	The "Sentiment Analysis in Web Scraping" project involves extracting text data from websites using web scraping techniques and analyzing it for sentiment. By employing natural language processing (NLP) models, the system classifies the scraped content (e.g., reviews, social media posts, or news articles) as positive, negative, or neutral. This project helps businesses monitor customer opinions, brand reputation, and trends by providing insights from large volumes of online content.
64	19699A0509	EEKSHITHA. M	Driver Drowsiness Detection using DL	COGNIZANT	Feb. 7, 2023	July 7, 2023	The "Driver Drowsiness Detection Using Deep Learning" project employs deep learning techniques to monitor driver alertness and detect signs of drowsiness. By analyzing facial features, eye movements, and head poses through real-time video or camera feeds, the system identifies fatigue-related indicators. The model alerts the driver to prevent accidents. This project aims to enhance road safety by providing an automated, non-intrusive method for drowsiness detection in vehicles.
65	19699A0510	FAIZA SARA B	Number plate recognition using CNN	Infobell IT Solutions Pvt Ltd	Jan. 2, 2023	June 2, 2023	The "Number Plate Recognition Using CNN" project employs convolutional neural networks (CNNs) to automatically detect and recognize vehicle number plates from images or video feeds. The system processes images to extract plate regions and applies CNNs for feature extraction and character recognition. This project can be used in traffic monitoring, security, and automated toll collection systems, improving efficiency and accuracy in vehicle identification and tracking.
66	19699A0511	GEETHIKA. M	Deep learning based safe trade recommendation system	LTI MINDTREE	Feb. 23, 2023	May 3, 2023	The "Deep Learning-Based Safe Trade Recommendation System" project uses deep learning techniques to recommend secure trading opportunities. By analyzing historical market data, trends, and financial indicators, the system predicts safe investment options. Neural networks learn complex patterns to identify low-risk trades, providing personalized suggestions based on user preferences and risk tolerance. This system aims to help traders make informed decisions, reduce risks, and enhance profitability in volatile markets.

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S. No	Roll	Name	Title	Company Name	Start Date	End Date	DESCRIPTION
67	19699A0515	HARSHITHA. T	Early Stage Prediction of Lung Cancer using DL	Infobell IT Solutions Pvt Ltd	Jan. 2, 2023	July 2, 2023	The "Early Stage Prediction of Lung Cancer Using Deep Learning" project utilizes deep learning models, such as convolutional neural networks (CNNs), to detect early signs of lung cancer from medical imaging data, like CT scans. The model analyzes patterns and abnormalities in the images to identify potential tumors. This project aims to assist healthcare professionals in early diagnosis, improving treatment outcomes and survival rates by providing accurate, timely predictions.
68	19699A0518	JAHNAVI. P	Animal detection in farms using OpenCV	LTI MINDTREE	Feb. 23, 2023	May 3, 2023	The "Animal Detection in Farms Using OpenCV" project aims to monitor and identify animals in farming areas through video feed analysis. Utilizing OpenCV, the system detects animal presence, tracks movements, and classifies species using pre-trained models. This enhances farm security, prevents crop damage, and supports wildlife conservation. The project offers a cost-effective and scalable solution, leveraging computer vision to automate monitoring tasks with real-time alerts for efficient farm management.
69	19699A0519	JASWANTH. K	Realtime Object Detection with Audio Feedback using YOLOv4	LTI MINDTREE	Feb. 22, 2023	May 3, 2023	The "Realtime Object Detection with Audio Feedback Using YOLOv4" project combines real-time object detection with audio feedback to enhance accessibility. YOLOv4 (You Only Look Once) is used to detect objects in live video feeds, while the system generates corresponding audio descriptions for each detected object. This approach aids visually impaired individuals by providing audible cues about their surroundings, improving navigation and interaction with the environment through a seamless combination of computer vision and audio technology.
70	19699A0520	JITHENDRA. V	Number plate recognition using CNN	LTI MINDTREE	Feb. 22, 2023	May 3, 2023	The "Number Plate Recognition Using CNN" project employs convolutional neural networks (CNNs) to automatically detect and recognize vehicle number plates from images or video feeds. The system processes images to extract plate regions and applies CNNs for feature extraction and character recognition. This project can be used in traffic monitoring, security, and automated toll collection systems, improving efficiency and accuracy in vehicle identification and tracking.
71	19699A0521	KEERTHI. K	Traffic prediction for intelligent transportation system using ML	UNSCHOOL	Jan. 30, 2023	April 30, 2023	The "Traffic Prediction for Intelligent Transportation System Using ML" project applies machine learning algorithms to predict traffic patterns and congestion in real-time. By analyzing historical traffic data, weather conditions, and road events, the system forecasts traffic flow, peak times, and potential bottlenecks. This information can be used to optimize traffic signals, suggest alternate routes, and improve overall traffic management, enhancing road safety and reducing travel time in smart city infrastructure.
72	19699A0525	MANOJ KUMAR. P	Deep learning based safe trade recommendation system	LTI MINDTREE	Feb. 22, 2023	May 3, 2023	The "Deep Learning-Based Safe Trade Recommendation System" project uses deep learning techniques to recommend secure trading opportunities. By analyzing historical market data, trends, and financial indicators, the system predicts safe investment options. Neural networks learn complex patterns to identify low-risk trades, providing personalized suggestions based on user preferences and risk tolerance. This system aims to help traders make informed decisions, reduce risks, and enhance profitability in volatile markets.

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S. No	Roll	Name	Title	Company Name	Start Date	End Date	DESCRIPTION
73	19699A0528	MITHIN SAI. M	Facial age and gender estimation using DL	LTI MINDTREE	Feb. 22, 2023	May 3, 2023	The "Facial Age and Gender Estimation Using Deep Learning" project utilizes deep learning models, such as convolutional neural networks (CNNs), to predict a person's age and gender from facial images. The system
74	19699A0533	NIKHIL KUMAR. N	Facial age and gender estimation using DL	LTI MINDTREE	Feb. 23, 2023	May 3, 2023	The "Facial Age and Gender Estimation Using Deep Learning" project utilizes deep learning models, such as convolutional neural networks (CNNs), to predict a person's age and gender from facial images. The system
75	19699A0534	NIRANJANI. P	Driver Drowsiness Detection using DL	LTI MINDTREE	Feb. 22, 2023	May 25, 2023	The "Driver Drowsiness Detection Using Deep Learning" project employs deep learning techniques to monitor driver alertness and detect signs of drowsiness. By analyzing facial features, eye movements, and head poses through real-time video or camera feeds, the system identifies fatigue-related indicators. The model alerts the driver to prevent accidents. This project aims to enhance road safety by providing an automated, non-intrusive method for drowsiness detection in vehicles.
76	19699A0542	RUDRA TEJA. M	Brain tumour detection from MRI images using CNN	COGNIZANT	Jan. 24, 2023	June 1, 2023	The "Brain Tumor Detection from MRI Images Using CNN" project focuses on identifying and classifying brain tumors using convolutional neural networks. The system preprocesses MRI images and extracts relevant features for precise tumor detection. By automating diagnosis, it reduces manual effort and improves accuracy. This project aims to assist radiologists in early detection, enhancing treatment planning. Scalable and efficient, it integrates seamlessly with medical workflows to improve healthcare outcomes.
77	19699A0551	SHAIK ASHIFA ANJU	Signal strength detection with SMS alert	LTI MINDTREE	Feb. 23, 2023	May 3, 2023	The "Signal Strength Detection with SMS Alert" project monitors network signal strength in a specific area using a mobile device or IoT sensor. When signal strength falls below a predefined threshold, the system sends an SMS alert to the user or network administrator. This solution helps in maintaining communication reliability in critical areas like remote locations, buildings with weak signals, or during network outages, ensuring timely notifications for prompt action or troubleshooting.
78	19699A0557	USHA. C	Software employee promotion analysis using ML	LTI MINDTREE	Feb. 22, 2023	May 3, 2023	The "Software Employee Promotion Analysis Using ML" project uses machine learning to predict employee promotions based on historical data. The system analyzes features such as performance metrics, years of experience, skills, and work achievements to assess promotion eligibility. Algorithms like decision trees, random forests, or logistic regression are applied to classify employees likely to be promoted. This project aids HR departments in making data-driven decisions, improving fairness and transparency in promotion processes.

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S. No	Roll	Name	Title	Company Name	Start Date	End Date	DESCRIPTION
79	19699A0559	VENAKATA RAMANA	Traffic prediction for intelligent transportation system using ML	AUROPRO SOFT	Jan. 23, 2023	July 23, 2023	The "Traffic Prediction for Intelligent Transportation System Using ML" project applies machine learning algorithms to predict traffic patterns and congestion in real-time. By analyzing historical traffic data, weather conditions, and road events, the system forecasts traffic flow, peak times, and potential bottlenecks. This information can be used to optimize traffic signals, suggest alternate routes, and improve overall traffic management, enhancing road safety and reducing travel time in smart city infrastructure.
80	19699A0560	YAMUNA M	Signal strength detection with SMS alert	LTI MINDTREE	Feb. 23, 2023	May 3, 2023	The "Signal Strength Detection with SMS Alert" project monitors network signal strength in a specific area using a mobile device or IoT sensor. When signal strength falls below a predefined threshold, the system sends an SMS alert to the user or network administrator. This solution helps in maintaining communication reliability in critical areas like remote locations, buildings with weak signals, or during network outages, ensuring timely notifications for prompt action or troubleshooting.
81	19699A0564	SAI VIKAS. C B	Sign Language detection using DL	LTI MINDTREE	Feb. 22, 2023	May 3, 2023	The "Sign Language Detection Using Deep Learning" project uses deep learning techniques, such as convolutional neural networks (CNNs), to recognize and translate sign language gestures into text or speech. By analyzing video data of hand movements and facial expressions, the model learns to identify specific signs. This system aids communication for the hearing impaired, offering a real-time translation solution that bridges the gap between sign language users and non-sign language speakers.
82	20690A0503	NAGARAJA. C	Analysis of facial sentiments in a DL way	COGNIZANT	Jan. 24, 2023	June 1, 2023	The "Analysis of Facial Sentiments Using Deep Learning" project focuses on identifying emotions from facial expressions using convolutional neural networks (CNNs). The system processes image datasets to classify sentiments like happiness, anger, or sadness. Advanced deep learning techniques, including transfer learning, enhance accuracy. This project finds applications in human-computer interaction, mental health analysis, and marketing, offering real-time emotion recognition while emphasizing scalability and robustness across diverse datasets.
83	20690A0505	SREENATH. D	Bitcoin price prediction using ARIMA ML Model	LTI MINDTREE	March 22, 2023	May 3, 2023	The "Bitcoin Price Prediction Using ARIMA ML Model" project applies the AutoRegressive Integrated Moving Average (ARIMA) model for forecasting Bitcoin prices. By analyzing historical time-series data, the model captures trends and patterns to predict future price movements. This project aids traders and investors in making informed decisions by providing accurate short-term predictions. It emphasizes data preprocessing, model optimization, and performance evaluation to ensure reliability in volatile cryptocurrency markets.
84	20695A0510	PRASAD ACHARI. K	Early Stage Prediction of Lung Cancer using DL	Infobell IT Solutions Pvt Ltd	Jan. 1, 2023	July 31, 2023	The "Early Stage Prediction of Lung Cancer Using Deep Learning" project utilizes deep learning models, such as convolutional neural networks (CNNs), to detect early signs of lung cancer from medical imaging data, like CT scans. The model analyzes patterns and abnormalities in the images to identify potential tumors. This project aims to assist healthcare professionals in early diagnosis, improving treatment outcomes and survival rates by providing accurate, timely predictions.

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85	20695A0513	SAI RAGHAVENDRA	Credit card fraud detection using extreme gradient boosting algorithm	LTI MINDTREE	Feb. 22, 2023	May 3, 2023	The "Credit Card Fraud Detection Using Extreme Gradient Boosting Algorithm" project applies the XGBoost algorithm to detect fraudulent credit card transactions. By analyzing transaction features such as amount, time, and location, the model classifies transactions as legitimate or fraudulent. XGBoost's high accuracy and ability to handle imbalanced datasets make it suitable for this task. The project aims to enhance security in financial transactions, providing real-time fraud detection and minimizing financial losses.
86	20695A0515	SUMANTH. P	Credit card fraud detection using extreme gradient boosting algorithm	LTI MINDTREE	Feb. 22, 2023	May 3, 2023	The "Credit Card Fraud Detection Using Extreme Gradient Boosting Algorithm" project applies the XGBoost algorithm to detect fraudulent credit card transactions. By analyzing transaction features such as amount, time, and location, the model classifies transactions as legitimate or fraudulent. XGBoost's high accuracy and ability to handle imbalanced datasets make it suitable for this task. The project aims to enhance security in financial transactions, providing real-time fraud detection and minimizing financial losses.