

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

(UGC-AUTONOMOUS)

Report on Guest Lecture

Advance Java

Organized by

Department of computer Applications

16.11.2017

Submitted by: Mrs K. Surekha

Attended: 1 Students(Total 53 Students)

Date & Time: 18.11.17 @10 am

Venue: Seminarhall

Guest Lecture started with introductory talk by HoD Dr V.L Pavani and Alumni Head Dr P. Ramesh Reddy.

Resource Person: Vijay Kumar, CTS(2009 Batch)

About Advance Java:

The dictionary meaning of advance is a forward movement or a development or improvement and the meaning of improve means thing that makes something better. All in all, we have to improve our basic knowledge to master in that particular field.

Java is divided into two parts i.e. Core Java (J2SE) and Advanced Java (JEE). The core Java part covers the fundamentals (data types, functions, operators, loops, thread, exception handling, etc.) of the Java programming language. It is used to develop general purpose applications. Whereas Advanced Java covers the standard concepts such as database connectivity, networking, Servlet, web-services, etc

Advance Java

It is a part of Java programming language. It is an advanced technology or advance version of Java specially designed to develop web-based, network-centric or enterprise applications. It includes the concepts like Servlet, JSP, JDBC, RMI, Socket programming, etc. It is a specialization in specific domain.

Most of the applications developed using advance Java uses tow-tier architecture i.e. Client and Server. All the applications that runs on Server can be considered as advance Java applications.

Why advance Java?

- It simplifies the complexity of a building n-tier application.
- Standardizes and API between components and application sever container.
- JEE application Server and Containers provides the framework services.

Benefits of Advance Java

The four major benefits of advance Java that are, network centric, process simplification, and futuristic imaging standard.

- JEE (advance Java) provides libraries to understand the concept of Client-Server architecture for web- based applications.
- We can also work with web and application servers such as Apache Tomcat and Glassfish Using these servers, we can understand the working of HTTP protocol. It cannot be done in core Java.
- It is also important understand the advance Java if you are dealing with trading technologies like Hadoop, cloud-native and data science.
- It provides a set of services, API and protocols, that provides the functionality which is necessary for developing multi-tiered application, web-based application.
- There is a number of advance Java frameworks like, Spring, Hibernate, Struts, that enables us to develop secure transaction-based web applications such as banking application, inventory management application.

Finally, the session was concluded with a vote of thanks by HoD Dr V.L Pavani and Dr P.Ramesh Reddy.

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

(UGC-AUTONOMOUS)

Report on Guest Lecture

DataScience and Careers

Organized by

Department of computer Applications

21.11.2017

Submitted by: Mrs K. Surekha

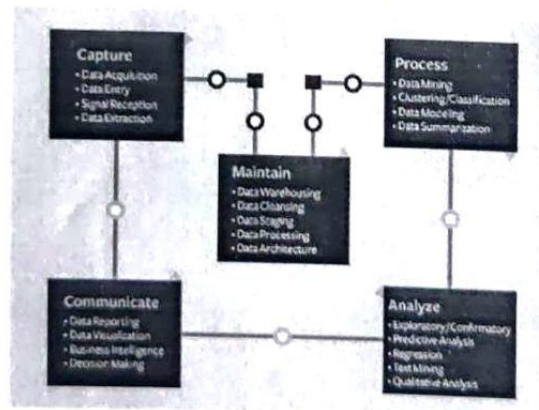
Attended: 1 Students (Total 53 Students)

Venue: Seminarhall

Resource Person: Sireesha, IBM(2009 Batch)

About DataScience and Careers:

Data science continues to evolve as one of the most promising and in-demand career paths for skilled professionals. Today, successful data professionals understand that they must advance past the traditional skills of analyzing large amounts of data, data mining, and programming skills. In order to uncover useful intelligence for their organizations, data scientists must master the full spectrum of the data science life cycle and possess a level of flexibility and understanding to maximize returns at each phase of the process.



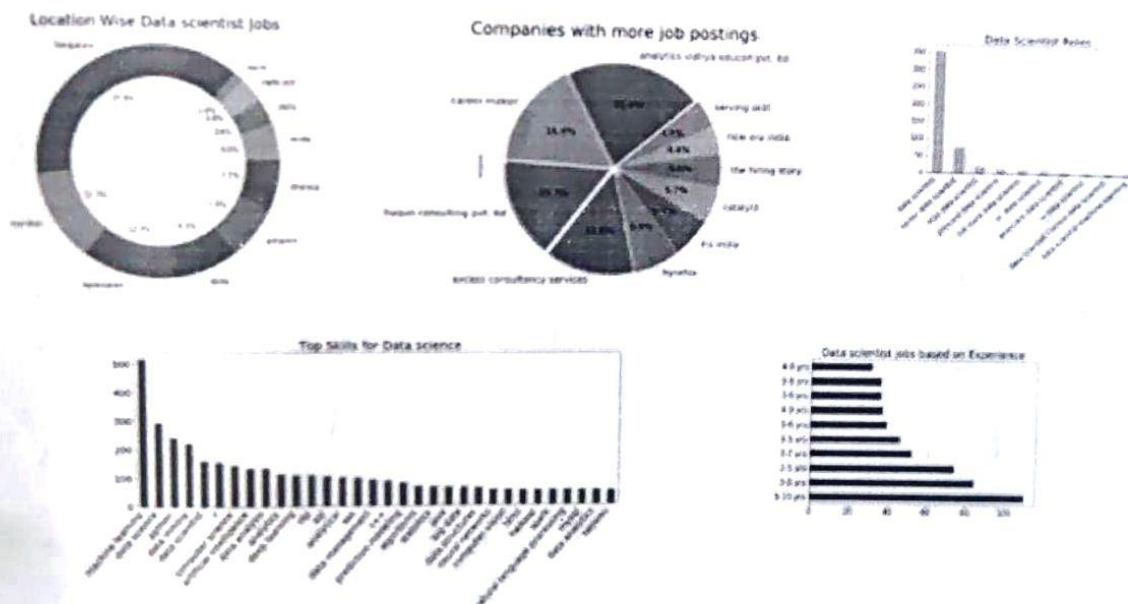
What Does a Data Scientist Do?

In the past decade, data scientists have become necessary assets and are present in almost all organizations. These professionals are well-rounded, data-driven individuals with high-level technical skills who are capable of building complex quantitative algorithms to organize and synthesize large amounts of information used to answer questions and drive strategy in their organization. This is coupled with the experience in communication and leadership needed to deliver tangible results to various stakeholders across an organization or business.

Data scientists need to be curious and result-oriented, with exceptional industry-specific knowledge and communication skills that allow them to explain highly technical results to their non-technical counterparts. They possess a strong quantitative background in statistics and linear algebra as well as programming knowledge with focuses in data warehousing, mining, and modeling to build and analyze algorithms.

Career Opportunities on Data Science:

DATA SCIENCE JOB MARKET TREND ANALYSIS



Finally, the session was concluded with a vote of thanks by Dr. V.L Pavani and Dr P.Ramesh Reddy.

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
(UGC-AUTONOMOUS)

Report on Guest Lecture

Tips to improve Interview performance

Organized by

Department of computer Applications

08.11.2017

Submitted by: Mrs K. Surekha

Attended: I Students(Total 53 Students)

Venue: Seminarhall

Resource Person: Sreekath, TCS(2013)

About Interview Skills:



Practice good nonverbal communication:

It's about demonstrating confidence: standing straight, making eye contact and connecting with a firm handshake. That first nonverbal impression can be a great beginning—or quick ending—to your interview.

Dress for the job or company:

Today's casual dress codes do not give you permission to dress as "they" do when you interview. It is important to know what to wear to an interview and to be well-groomed. Whether you wear a suit or something less formal depends on the company culture and the position you are seeking. If possible, call to find out about the company dress code before the interview.

Listen:

One of the most crucial interview tips: Listen. From the very beginning of the interview, your interviewer is giving you information, either directly or indirectly. If you are not hearing it, you are missing a major opportunity.

Don't talk too much:

Telling the interviewer more than he needs to know could be a fatal mistake. When you have not prepared ahead of time, you may ramble when answering interview questions, sometimes talking yourself right out of the job. Don't be too familiar:

Use appropriate language:

It's a given that you should use professional language during the interview. Be aware of any inappropriate slang words or references to age, race, religion, politics, or sexual orientation—these topics could send you out the door very quickly.

Don't be cocky:

Attitude plays a key role in your interview success. There is a fine balance between confidence, professionalism, and modesty. Even if you're putting on a performance to demonstrate your ability, overconfidence is as bad, if not worse, as being too reserved. All the interview tips in the world won't save you if you come off as unpleasant to work with.

Ask questions:

When asked if they have any questions, most candidates answer, "No." Wrong answer. Part of knowing how to interview is being ready to ask questions that demonstrate an interest in what goes on in the company. Don't appear desperate

When you interview with the "please, please hire me" approach, you appear desperate and less confident. Reflect the three Cs during the interview: cool, calm, and confident.

Work on your answers

You know you can do the job; make sure the interviewer believes you can, too. One way to do this is by preparing well-thought-out answers to questions they're most likely to ask. Need some help with that? Join Monster for free today. As a member, you'll get interview tips, career advice, and job search insights sent directly to your inbox so you can come across as a strong, viable candidate.

Finally, the session was concluded with a vote of thanks by Dr. V.L Pavani and Dr P.Ramesh Reddy.