

Department of Information Technology

A Two-Day Skill Development Programme
on

“Advanced Data Science Tools”

26th-27th, July, 2019

The Department of Information Technology organized a Two-Day Skill Development Programme (SDP) on “Advanced Data Science Tools” during 26th-27th, July, 2019.

Day 1:

Session 1: Mr. Akkem Sreenivasulu, Sr Software Engineer, JPMorgan, Hyderabad delivered a lecture on **“Fundamentals of Hadoop”**. The participants interacted with the resource person and got their doubts clarified.



Mr. Akkem Sreenivasulu, Sr. Software Engineer, JPMorgan, Hyderabad
delivering lecture on **“Fundamentals of Hadoop”**

Session 2: Mr. Akkem Sreenivasulu, delivered a lecture on **“Map Reduce and HDFS”**. He also demonstrated a few case studies using Map Reduce and HDFS.



Mr. Akkem Sreenivasulu, Sr. Software Engineer, JPMorgan, Hyderabad
Demonstrating on **“Hive and Spark”** commands

Session 3 & 4: Mr. Akkem Sreenivasulu gave a demonstration on **“Advanced Data Science Tools; Hive, HBase and Pig”**. Further, he discussed a few applications using Hive, Pig and HBase.

Day 2:

Session 1&2: Mr. Sandeep Dayananda, Research Analyst, Bangalore delivered a lecture on the topic **“Machine Learning and its applications”** and discussed *Linear and Logistic Regression classification techniques*. The participants interacted with resource person and gained knowledge on industrial applications of Machine Learning.



Mr. Sandeep Dayananda, Research Analyst delivering a lecture on **"Machine Learning and its Applications"**.

Session 3 & 4: Mr. Sandeep Dayananda delivered a lecture on **"Classification Techniques"** by focusing on different machine learning algorithms such as Decision Tree and Naive Bayes and Logistic Regression.



Students during the demonstration on "Clustering and Classification using Spark MLlib"

Participants gained useful information from all the sessions.