

DON BOSCO INSTITUTE OF TECHNOLOGY, MUMBAI
DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION
ENGINEERING

Report on Alumni talk by Ms. Tanuja Mehra

Topic: “Data Journey from Source to Visualization”

Date: 21st October 2021

Time: 4:00 - 5:00 p.m.

Venue: Zoom Meeting (Online Platform)

Speaker: Ms. Tanuja Mehra (Software Craftsperson, Incubyte Datatech, Former Analyst - Hansa Cequity, Batch of 2019 EXTC)

Participants: B.E. EXTC students of BDA elective course

Course Instructor: Mr. Jithin Isaac

No. of participants attended: 36

Description:

- The session commenced with Prof. Jithin Issac, addressing the participants and welcoming the speaker, Ms. Tanuja Mehra to deliver the talk.
- Following the introduction, Ms . Tanuja took over and began the session by giving a brief introduction of the various methods involved in data from the source to visualization.
- The speaker explained the flow of data from a source that includes structured, semi-structured, and unstructured data into the data warehouse is commonly called ETL, which stands for extraction, transformation, and loading that includes data cleaning, data augmentation, data visualizations, and various processes.
- ETL tool extracts data from one or more data sources transforms it and cleanses it to be optimized for reporting and analysis using business intelligence tools like Tableau, PowerBI, Google Data Studio, etc.

- She also explained the importance of data visualization for interactive dashboards, trends in the market concerning graphs which help in contributing revenue.
- Further, the speaker emphasized the responsibilities and skillset required for various roles in the data science field like data analyst, data scientist, and data engineer.
- The session was followed by a Q&A round with the participants wherein the speaker answered the queries such as related to the knowledge required to enter this domain, various software used, languages, and so on.
- The session concluded from the proposal of vote of thanks from Ms. Ajitha Rajkumar.

Report Prepared By: Ms. Merlin Tomy