

DATE: 16th October, 2020

EVENT: TABLEAU as Data Visualization Tool to enhance Research and Presentation Skill

Report:

Tableau is a popular data visualization tool used by Analysts to provide meaningful insight to data. It has user friendly drag and drop features requiring no coding skills. It can import data from multiple sources ranging from files, databases, cloud drives, popular business applications & even in-house apps. It allows creation of visually appealing dashboards to measure business performance.

A day before the event, students were provided with the URL to download Tableau tool and be ready for an interactive hands on session.

The workshop was conducted through an online platform, Google Meet. The event commenced at 5:00 pm and 14 participants had joined to attend this event. It began with awareness of current demand in the market for analytics and data interpretation skills and how data has become “the new oil” in today’s world. Students were briefed on research paper writing format, CRISP DM methodology which is a widely used data mining procedure followed in Industry research.

After that Tableau tool and its features were introduced to students. Dataset was shared with students and they were guided on how to import it into the tool to start exploration. Star Schema diagram as part of Data Understanding was explained to students along with initial data pre-processing step in Tableau. It followed demonstration on how to choose appropriate Charts for available data, build Dashboards to visually represent business metrics to achieve objectives of the research to be conducted. These dashboards were combined to create StoryBoard which was the ultimate motive of the workshop to convey insights on data through storytelling. Students were asked to parallelly execute the actions on the tool. The training session was over at 5:35pm. After which students were asked to unmute or post their questions to clear their doubts while using the tool.

Attendees: Purshottam, Sai Mohith, Alwin Varghese, Audriza, Joy, Nishant, Srikanth, Queeny, Teja, Aswanth, Jay.