

Course Plan

Course: Data Analysis (2022-6A)



by
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| Session | Mon | Tue | Wed | Thu | Fri | Session Topics | Lab Activities |
|---------|--------|--------|--------|--------|--------|---|---|
| 1 | 27-Jun | 28-Jun | 29-Jun | 30-Jun | 01-Jul | Presentation of course syllabus and marking schemes Presenting the course deadlines Introduction to Data Visualization Theories and Concepts of Data Visualization | Introducing the course platform Introducing the required tools to install Identifying the Students Groups |
| 2 | 27-Jun | 28-Jun | 29-Jun | 30-Jun | 01-Jul | Data Cleaning in Excel Data Visualization techniques in Excel Data Analysis techniques in Excel | Cleaning datasets in Excel Practicing the Data Analysis and Visualization Techniques in Excel |
| 3 | 04-Jul | 05-Jul | 06-Jul | 07-Jul | 08-Jul | Building Dashboards in Excel | Practical session to build dynamic dashboards in Excel |
| 4 | 04-Jul | 05-Jul | 06-Jul | 07-Jul | 08-Jul | Introduction to Python Programming | Programming session in Python |
| 5 | 11-Jul | 12-Jul | 13-Jul | 14-Jul | 15-Jul | Data Visualization Techniques in Python Exploratory Analysis in Python | Practical session of Exploratory Analysis in Python |
| 6 | 11-Jul | 12-Jul | 13-Jul | 14-Jul | 15-Jul | Introduction to Tableau Data Visualization techniques in Excel Data Analysis techniques in Excel | Introduction to Tableau Practicing the data visualization techniques in Tableau |
| 7 | 18-Jul | 19-Jul | 20-Jul | 21-Jul | 22-Jul | Building Dashboards in Tableau Storytelling in Tableau | Practically Building dashboards in Tableau Story Telling, Adv graphs, and Analytics in Tableau |
| 8 | 18-Jul | 19-Jul | 20-Jul | 21-Jul | 22-Jul | Break Session | |
| 9 | 25-Jul | 26-Jul | 27-Jul | 28-Jul | 29-Jul | Students Project Delivery and Presentation | |