

Unit-I

- 1) Data mining and warehousing
- 2) Exploratory Data Analysis
- 3) Data preparation
- 4) Removing data.

Unit-II

- 1) Describing Data with tables and graph.
- 2) Describing Data with Averages.
- 3) Normal distribution and standard (z) scores.

Unit-III:

- 1) Standard and error of estimate.
- 2) Correlation coefficient for quantitative data.
- 3) Regression.
- 4) Scatter plots.
- 5) Regression toward the mean.

Unit-IV

- 1) Data manipulation with pandas.
- 2) Numpy array.
- 3) Masks, Boolean logic.

Unit-V

- 1) Matplotlib.
- 2) Histograms.
- 3) three dimensional plotting
- 4) Visualization with seaborn.