



Data Science

Introduction to R and Python programming

- Data types
- Variables
- Operators
- Loops
- Functions
- Data interface
- Charts
- Statistics

Data manipulation

- Data cleaning
- Functions used in data inspection
- Tackling the problems faced during data cleaning
- Need of various functions

Data Import techniques

- Import data from spreadsheets and text files.
- Import data from other formats
- Packages installation used for database import
- Connect to RDBMS and basic SQL queries.

Exploratory Data Analysis (EDA)

- Introduction to EDA



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- Implementation of EDA on various datasets
 - Understanding EDA functions.

Data Visualization

- Understanding on data visualization
- Graphical functions in
- Introduction to spatial analysis

Introduction to Data Science

- What is data science?
- What does data science involve?
- Business intelligence Vs data science
- Life cycle of data science
- Tools of data science