

DATA SCIENCE COURSE CURRICULUM

Python Basics

- Arithmetic Operations
- Data Structures
- Conditional & Loops
- OOP & File Handling
- Functions and Patterns

Libraries

- Numpy
- Pandas
- Matplotlib
- Seaborn

Statistics

- Descriptive Statistics
- Probability
- Central Limit Theorem
- Hypothesis Testing

SQL

- Introduction to SQL
- DDL
- DML
- Advanced SQL

Tableau

- Introduction to Tableau
- Advanced Tableau

ML - 1

- Simple Linear Regression
- Multiple Linear Regression
- Ridge and Lasso Regression
- Naive Bayes

ML - 2

- SVM
- Decision Tree
- Bagging
- Boosting
- Clustering

Assignments

15 Assignments + Quizzes