Data Science (4–5 Months)

Module 1: Python for DS
- • Pandas, NumPy
- • Data cleaning, manipulation

Module 2: Statistics & Probability
- • Mean, Median, Mode
- • Normal distribution
- • Probability basics

Module 3: Visualization
- • Matplotlib, Seaborn
- • Plotting and interpreting

Module 4: Machine Learning
- • Linear/Logistic Regression
- • Decision Trees, KNN, SVM
- • Clustering

Module 5: Model Tuning
- • Train-test split
- • Cross-validation
- • GridSearchCV

Module 6: Capstone Project

- • Build and present ML project