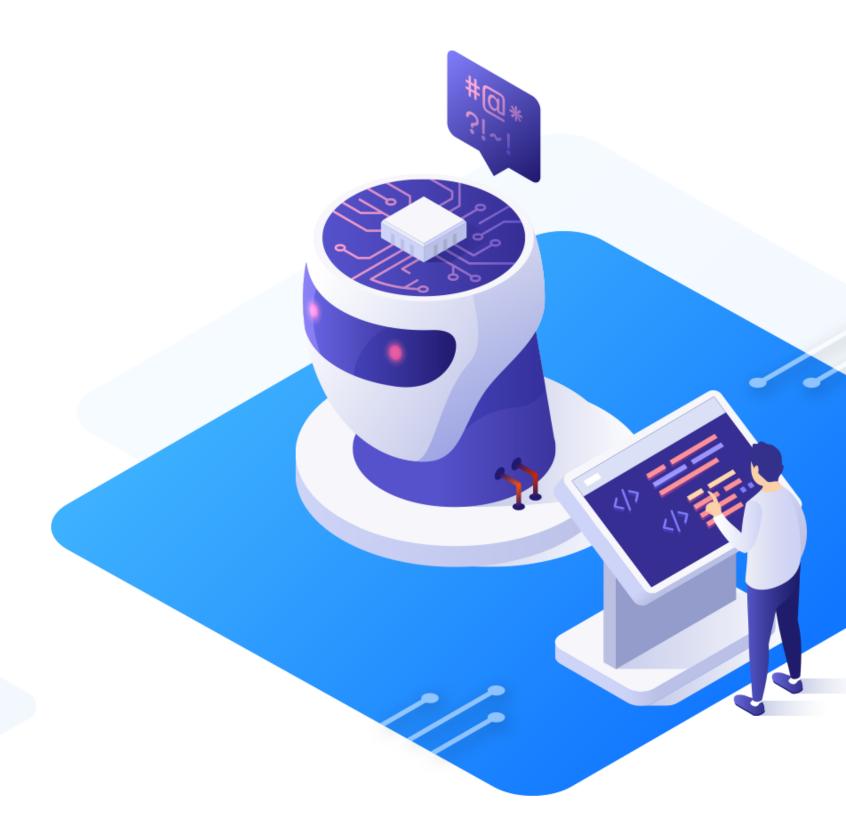
Applied Data Science with Python



Course Introduction



Introduction to Data Science:

Focuses on the basics of data science and its applications. This course also covers data science packages that will further help you grasp the concepts. **Pandas:** Focuses on the concepts of data science and data analysis, including types and structures, using Pandas functions.

NumPy: Focuses on the concepts of NumPy and its uses

Data Visualization: Focuses on visualization techniques and different types of charts

Probability Distribution:

Focuses on the different aspects of probability and the various types of probability distribution

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Math and Statistics
Fundamentals: Focuses on the fundamentals of statistics, its types, and data categorization, and the concepts of scalar, vector, and matrix

Advanced Statistics: Focuses on the concepts of probability and advanced statistics, such as hypothesis testing

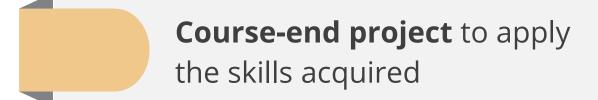
Feature Engineering: Focuses on feature engineering techniques like, data imputation, scaling, binning, and grouping operations

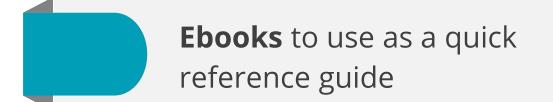
Data Wrangling: Focuses on rearranging, cleaning, and refining raw data to prepare it for model building

Course Components

Program Components







Let's get started!