

Data Manipulation and Cleaning in Python

Learn via: **Classroom / Virtual Classroom / Online**

Duration: **1 Day**

Overview

This course will cover topics important in handling structured and unstructured data, scraping data in Python, including using key packages such as Pandas, NumPy, and Matplotlib. Participants will complete exercises to solidify understanding and build skills with the intent of finishing the course with a toolkit that can be leveraged in building Python manipulation and cleaning skills.

Prerequisites

Basic Python programming.

Who Should Attend

Data engineers, data scientists, business and data analysts, project managers; roles that need insight into best practices and techniques related to data understanding and preparation.

What You Will Learn

- Programming review
- Data acquisition via APIs
- Overview of scraping and wrangling
- Cleansing for machine learning
- Leveraging Pandas
- Leveraging NumPy and Matplotlib
- Dealing with strings
- Visualizing results