

Python for Data Analysis

A Metis corporate training course developed for teams of 10 or more.

ABOUT THE COURSE

This course will provide your analytics staff with a useful introduction to Python, teaching them how to clean, aggregate, describe, and visualize data. Upon completion, they will be able to analyze numerical, categorical, and time-series data in Python. This course is geared toward individuals who are new to Python but have basic analytical skills and some programming experience.

COURSE OUTCOMES

Upon completion of the course, attendees should be able to:

- Perform basic analysis in Python using pandas
- Edit and create Excel worksheets in Python
- Create Functions to automate analysis

PREREQUISITES

Some experience with Python (ability to write loops and use simple functions)

LENGTH

2 Days

LOCATION

On-site or Live Online

STUDENT PROFILE

Analysts using other platforms (e.g. SAS, Excel)



METIS®

PYTHON FOR DATA ANALYSIS COURSE OUTLINE

DAY 1

Python & Pandas Basics

- Introduction to the Jupyter notebook
- Python Fundamentals
- Introduction to pandas
- Data sources and I/O
- Interacting with Excel

DAY 2

Aggregations, Explorations, & Visualizations

- Data Aggregation and Partitions
- Pandas for exploratory data analysis
- Data visualization in Python
- Introduction to regression analysis in Python

COURSE DELIVERY

Metis Corporate Training offers in person, as well as remote instruction via our Live Online technology, to teams of 10 or more. We are able to blend these capabilities to reach your entire team, even if they're not all in one place.

For more information, visit:

[THISISMETIS.COM/CORPORATE-TRAINING/COURSES](https://thisismetis.com/corporate-training/courses)