

Document Generated: 09/18/2024

Learning Style: On Demand

Provider: Microsoft

Difficulty: Beginner

Course Duration: 15 Hours

Introduction to Python and Its Libraries



Python is a language with a simple syntax, and a powerful set of libraries. It is an interpreted language, with a rich programming environment, including a robust debugger and profiler. While it is easy for beginners to learn, it is widely used in many scientific areas for data exploration.

Course Outline:

This Course Includes:

- Course Introduction
- Google Colab Overview
- Exercises
- Lecture 1: Introduction to Python: Syntax
- Lecture 2: Pythonic Functions and Good Practices
- Lecture 3: Linear Algebra: Numpy
- Lecture 4: Plotting: Matplotlib and Seaborn
- Lecture 5: Dataframes: Pandas

Credly Badge:



Display your Completion Badge And Get The Recognition You Deserve.

Add a completion and readiness badge to your LinkedIn profile, Facebook page, or Twitter account to validate your professional and technical expertise. With badges issued and validated by Credly, you can:

- Let anyone verify your completion and achievement by clicking on the badge
- Display your hard work and validate your expertise
- Display each badge's details about specific skills you developed.

Badges are issued by QuickStart and verified through Credly.

[Find Out More](#) or [See List Of Badges](#)