Welcome to Python

ANI_103d | On-Demand | Automation and Insights | Express
Course Duration: 1.5 hours

This self-paced eLearning course is a light-hearted introduction to Python. Students will work with Python data structures and become familiar with some basic programming concepts. The course will provide a basic familiarity with Python and programming for automation.

Intended Audience

Those with little or no experience in programming who are interested in using Python for automation.

Objectives

After completing this course, the student will be able to:

- Identify and work with Python data types
- Identify and work with key control statements
- Use functions to create code blocks
- Use functions to automate a process

Course Prerequisites

No Prerequisites

Outline

1. Introduction

2. Data Types
2.1 Strings
2.2 Numbers and Floating Point Numbers
2.3 Lists and Boolean

3. Key Control Statements
3.1 The If Statement
3.2 The Nested If Statement
3.3 If … Else and ELIF
3.4 For and While Loop
3.5 Try, Except, Finally

4. Functions

5. Data Workflow and Automation

6. Conclusion

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