

An Introduction to Programming in Python



Slides

Instructional Units

Module I (Software Development in Python):

- [Unit 0](#) - Onboarding / Development Environment Setup
- [Unit 1](#) - Getting Started / Intro to Information Systems
- [Unit 2](#) - Python Language Overview
- [Unit 2b](#) - Version Control
- [Unit 3](#) - Processing and Validating User Inputs
- [Unit 4](#) - Datastores, Databases, and Processing CSV Files
- [Unit 5](#) - Business Intelligence and Data Visualization
- [Unit 5b](#) - Business Analytics and Statistics (Bonus Material)
- [Unit 6](#) - Networks, and Processing JSON Data from the Internet
- [Unit 7](#) - Review

Module II (Management of Software Development):

- [Unit 8](#) - Software Maintenance and Quality Control
- [Unit 9](#) - Software Products and Services
- [Unit 10](#) - Software Project Management, and the Systems Development Lifecycle (SDLC)

- [Unit 11](#) - Project Implementation Sprint
- [Unit 12](#) - Project Presentations

External Resources

- Official Python Resources:
 - [Python 3 Documentation](#)
 - [Python 3 Tutorial](#)
 - [Built-in Types](#)
 - [Built-in Functions](#)
 - [Built-in Constants](#)
 - [PEP 8 Style Guide](#)
- [W3Schools Python Tutorial](#)
- [Markdown Cheatsheet](#)

Contributor's Guide

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