

Unit 1: Getting Started

Prerequisites: [Onboarding](#)

Learning Objectives

In this unit, we'll lay a foundation for the rest of the semester by introducing high-level concepts and background knowledge. And we'll make all the necessary preparations to start learning Python and working with Python applications.

Discussions and Notes

- [Information Systems](#)
- [Software](#)
- Managing Virtual Environments:
 - [The conda Utility](#)
- Installing Python Packages:
 - [The pip Utility](#)
- Running Python Programs:
 - [The python Utility](#)
- Managing [Environment Variables](#):
 - [The dotenv Package](#)
 - [The os Module](#) (focusing on environment variables)

Activities and Exercises

- ["Run the App" Exercise](#)