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Objectives

By the end of this module you should be able to:

- Create a Python instance on a computer.
- Generate NumPy array objects to store data.
- Design data extraction using Pandas.
- Summarize how to use the Pandas Primer.

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Total Estimated Time

13 hours

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Readings

Activity Time: 4 hours

Python for Data Analysis, Chapters 1, 2, 4, and 5

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Lesson Content

- Module 01 Python Installation (Activity Time: 30 minutes)
- Module 01 Course Project Introduction (Activity Time: 30 minutes)

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Assignments

Module 01 Course Project - Summary Document (Activity Time: 1 hour; Additional Time for Study, Research, and Reflection: 1 hour)

Module 01 Assignment - Food and Nutrition (Activity Time: 1 hour; Additional Time for Study, Research, and Reflection: 1 hour)

Module 01 Discussion - Extraction Methods (Activity Time: 2 hours; Additional Time for Study, Research, and Reflection: 1 hour)

Module 01 Live Classroom (Activity Time: 1 hour)