



UC Berkeley Data Science Modules

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Introduction to Data Science

Welcome to Data Science! In this notebook, you will learn the basics of programming in Python.

Estimated Time: 30 minutes

Topics Covered:

- Learn how to work with Jupyter notebooks.
- Learn about variables in Python, including variable types and arithmetic.
- Learn about functions in Python, including defining a function and scope.

Parts:

- Jupyter Notebooks
- Programming in Python
- Variables
- Functions
- Scope

Jupyter Notebooks

In this section, we will learn the basics of how to work with Jupyter notebooks.

This Jupyter notebook is composed of 2 kinds of cells: a **markdown cell**, such as this one, contains text. A **code cell** contains Python code, a programming language that we will be using for the remainder of this notebook.

To run a code cell, press Shift-Enter or click Cell > Run Cell. To edit a code cell, simply click in the cell and type your code.