

Introduction to Python and Introduction to Using APIs with Python

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Part I: Introduction to Python (1:30pm)

Python is a widely used, general purpose programming language. Part I of the workshop will introduce the basic elements of Python that are commonly used for data cleaning, analysis, visualization, and other applications. Participants will also learn how to set up a “development environment” for Python on their personal computer. Computers with Python pre-loaded are available in the SSRC on a first-come, first-served basis. This workshop is intended for social scientists who are new to programming. No experience is required.



Part II: Introduction to Using APIs with Python (3pm)

An application programming interface (API) is a tool that allows computers to communicate and share information. For social scientists, APIs can be useful for accessing data or services from firms, organizations, or government agencies. Part II of the workshop will introduce the use of APIs to obtain data from sources such as Survey Monkey, Twitter, or Data.gov. This workshop is intended for social scientists who are new to working with APIs, but have some familiarity with Python or have attended Part I.

Friday, February 24, 1:30-4:30pm

Social Science Research Commons Grand Hall, Woodburn Hall 200