

Introduction to Python

Hubert Jin

hubertj@princeton.edu

Q-APS, Department of Politics

AM session: 10:00-12:00

PM session: 1:00-3:00

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This workshop introduces Python, an interpreted, object-oriented, high-level programming language with dynamic semantics, widely used for text processing and web scraping. We will cover the basics of the Python language, functions, input and output, regular expression for searching and matching text segments.

[Workshop website](#)

[Google sign-up](#)

Prerequisites

The course presupposes that you have some prior experience with a computer language, e.g. R or Stata, and that you have access to a laptop.

Setup

We will be using the Anaconda python distribution and will provide installation instructions before the course.

All materials will be available on the course Blackboard.

Structure

The course has four parts, each with a practical exercise

Day	Session	Details
Monday	10-12pm	Python basics
	1-3pm	Python functions and packages
Tuesday	10-12pm	Regular expression and matching
	1-3pm	Scraping data from websites using Python