

**DROMB8154: Python for MBAs  
Summer 2023 (A-Term)****KYLE OWENS**

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Office Hours: Available upon request

Room: Kravis 620

**Course Description**

From the ads that track us to the maps that guide us, the twenty-first century runs on code. The business world is no different. Programming has become one of the fastest-growing topics at business schools around the world. This course is an introduction to business uses of Python for MBA students.

In this course, we'll be learning how to write Python code that automates tedious tasks, parses and analyzes large data sets, interact with APIs, and scrapes websites. This might be one of the most useful classes you ever take.

**Required Prerequisites**

Enrollment in this course requires completion of a Python qualification exam.

**Required Course Material**

- Students must have a laptop that they can bring to class – Mac or PC is fine, as long as your operating system is up to date (at least Windows 10 and Mac OS 11).
- This course does not require a textbook. (Optional Reading: *Python for MBAs*, Griffel and Guetta)
- Any required readings will be provided via Canvas.
- Slides and files will be uploaded to Canvas after each class.

**Course Roadmap/Schedule**

Session	Topic	Assignments
<b>Class 1</b> Monday, May 22	<b>Data Analysis, part 1</b> <ul style="list-style-type: none"><li>• Dig Case</li></ul>	
<b>Class 2</b> Friday, Jun 2	<b>Data Analysis, part 2</b> <ul style="list-style-type: none"><li>• Dig Case</li></ul>	
<b>Class 3</b> Monday, Jun 5	<b>Data Analysis, part 3</b> <ul style="list-style-type: none"><li>• Dig Case</li></ul>	Assignment 1
<b>Class 4</b> Monday, Jun 12	<b>APIs</b> <ul style="list-style-type: none"><li>• Twilio Case</li></ul>	Assignments 2, 3

<b>Class 5</b> Friday, Jun 23	<b>Web Scraping</b> <ul style="list-style-type: none"><li>BuiltWith Case</li></ul>	Assignments 4, 5
<b>Class 6</b> Monday, Jun 26	<b>Automation with Python</b> <ul style="list-style-type: none"><li>Bail Fund Case</li></ul>	Final Project

## Grading

Final grades in the class will be calculated as follows:

### *Participation (30%)*

- Students are expected to actively participate in class by responding to challenges via PollEV.

### *Assignments (40%)*

- There will be four homework assignments due the *before the start of the next* class.
- Each assignment should be completed individually.
- Late assignments will be accepted with a 20% penalty until the final class. No late assignments will be accepted after the final class.

### *Final Project (30%)*

- There will be a take-home final project.
- The final project must be completed individually.

**Note:** You will not be able to receive a passing grade in the course unless you have submitted the final project and at least three out of the four assignments.