

# Programming for Economists

Exercise 2

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GitHub: <a href="https://github.com/mcp656/Class-7">https://github.com/mcp656/Class-7</a>

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## Today's program

#### **First Hour**

- 12:15 12:30: Introduction to Classes
- 12:30 13:00: Work on DataCamp or install GitHub Co-Pilot
- 13:00 13:15: Break I am open for questions!

#### **Second Hour**

- 13:15 14:00: Work on DataCamp or install GitHub Co-Pilot
- 14:00 14:15: Break I am open for questions!

#### **Third Hour**

• 14:15 – 15:00: Work on DataCamp or install GitHub Co-Pilot



### Introduction to Classes

Classes are "blueprints" for creating objects

- Classes contain data and functions:
  - Data accessed as <u>attributes</u>
  - Functions are class-specific <u>methods</u>

- Attributes are specific variables associated with the class
- Methods define behaviors or actions that objects of the class can perform
- Classes allow for multiple <u>instances</u>
  - Each instance has access to its own set of attributes and methods

## Example and cheat sheet on GitHub

GitHub: <a href="https://github.com/mcp656/Class-7">https://github.com/mcp656/Class-7</a>

## Break

