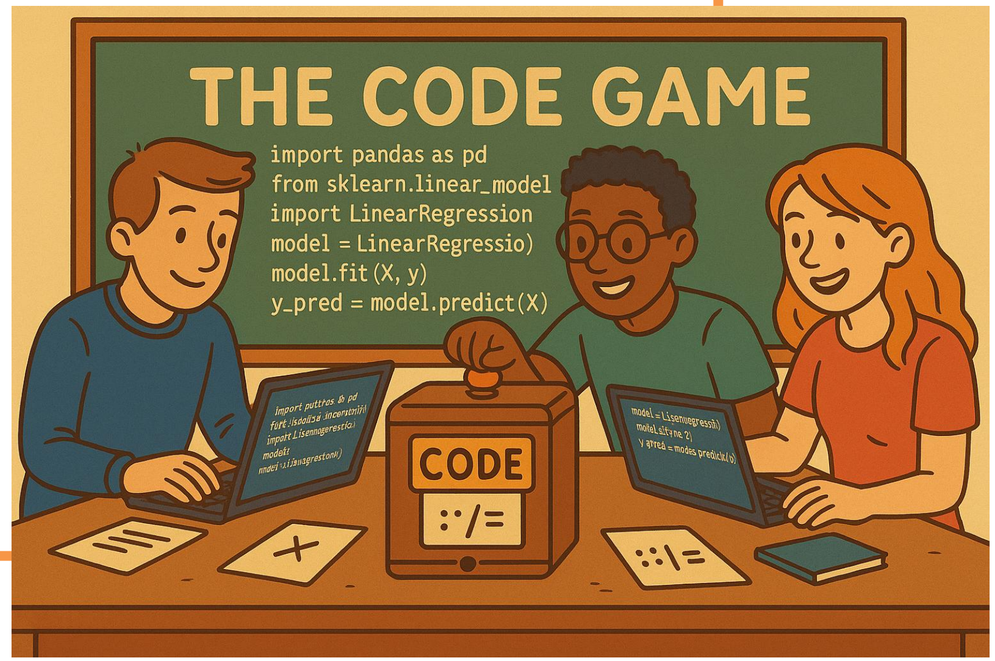
SW06 - Work 1 (aka remember SW05 - Work 4)

The Code Game

In this activity, you'll become data detectives! Each group will receive a short piece of code and work together to uncover what it does, where it fits in the data science workflow, and what might come next. The goal is to think like data scientists - analyzing, discussing, and connecting code to the bigger picture.



SW06 – Work 1

- Talk through your reasoning as a group (3-4 students).
- Discuss the given code snippet(s).
- Note down your answers briefly.
- Be ready to explain your thinking to the class.

SW06 – Work 1

1. Identify the workflow step:
   To which part of the Data Science workflow does this code belong?

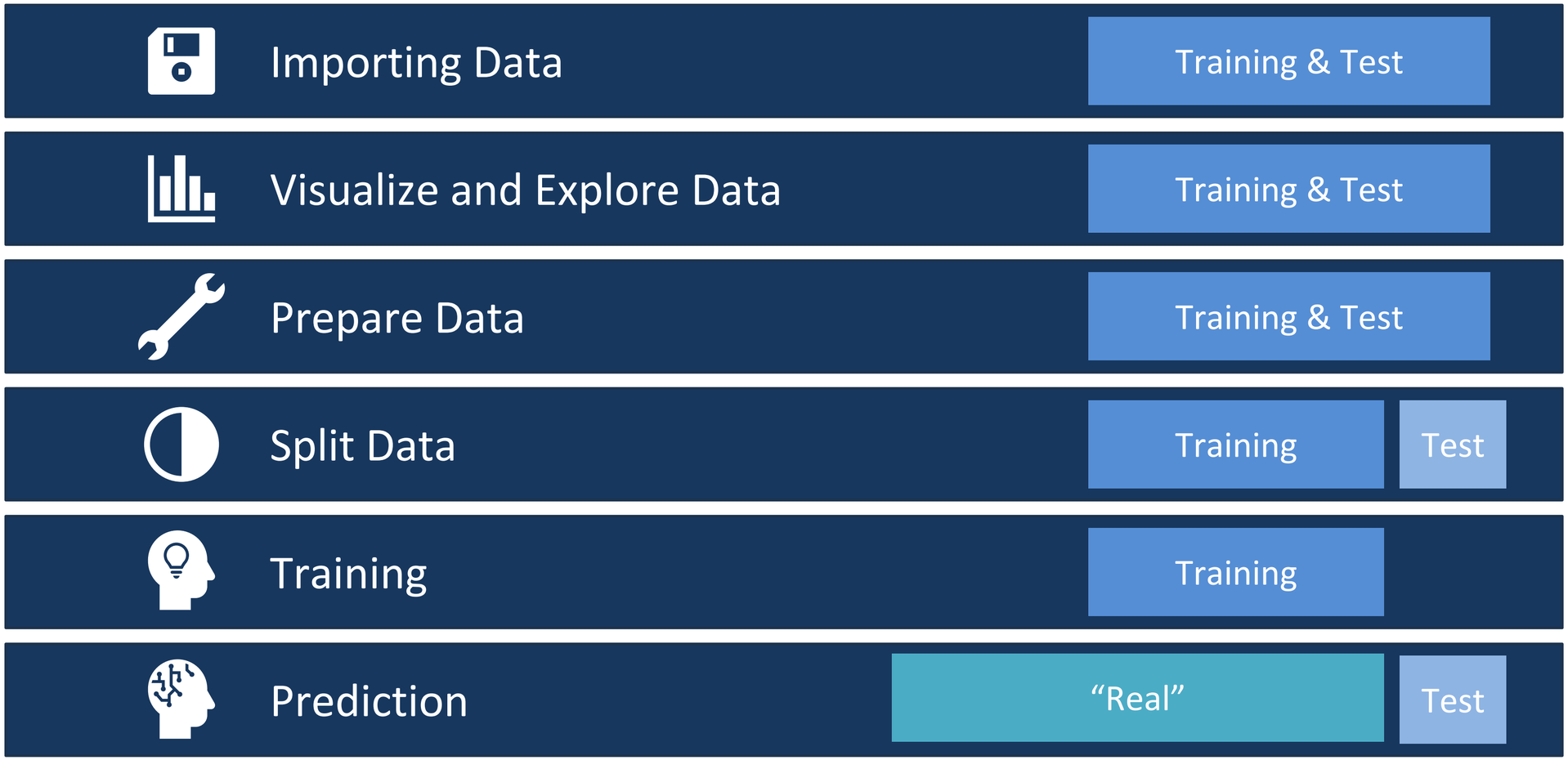
2. Explain the purpose:
   What does the code do? Describe in your own words.

3. Compare versions (if you have two snippets):
   What is different between them?

4. Discuss data types:
   Which data types are used in the code?

5. Predict the next step:
   What could be the next logical step in the workflow after this code?

Data Science Workflow



Geek Stuff - Other Type(s)

```
y = a_df['sales']
```

```
0      22.1
1      10.4
2       9.3
3      18.5
4      12.9
       ...
195     7.6
196     9.7
197    12.8
198    25.5
199    13.4
Name: sales, Length: 200, dtype: float64
<class 'pandas.core.series.Series'>
```

- Print type of a variable:
  `print(type(``variable`**`)))`**