



Learning objectives:

- Understand how to import the Pandas package in Python and how to create its fundamental data structure, the DataFrame.
- Load and access the data stored in a DataFrame.
- Learn how to manipulate DataFrames in various ways such as sorting, grouping, filtering and applying transformations.
- Work with DataFrames through practical guided exercises.



Examples



Exercise



Video



Knowledge questions



Description

In this lesson, we delve deeper into using **Pandas** for **manipulating and utilising DataFrame objects** in Python. Given the frequent use of DataFrames in Data Science projects, we explore a combination of **techniques to wrangle and process data**.

We will learn how to effectively **sort, filter, and transform data**, as well as how to perform crucial operations like **creating** and **deleting columns** in a **DataFrame**. By the end of this lesson, we'll have a solid foundation in leveraging Pandas for commonly performed data tasks.