

Data handling in Python – Lesson overview

NumPy is a Python package that allows us to work with data and perform operations like the **loading**, **analysing** and **storing of data**. It provides **high-performance, multidimensional array objects**, **numerical computing tools**, and is fundamental in **scientific computing**. It also forms the basis of the Pandas library.

In this lesson, we'll learn how to **create**, **manipulate**, and **analyse** data stored in NumPy arrays.



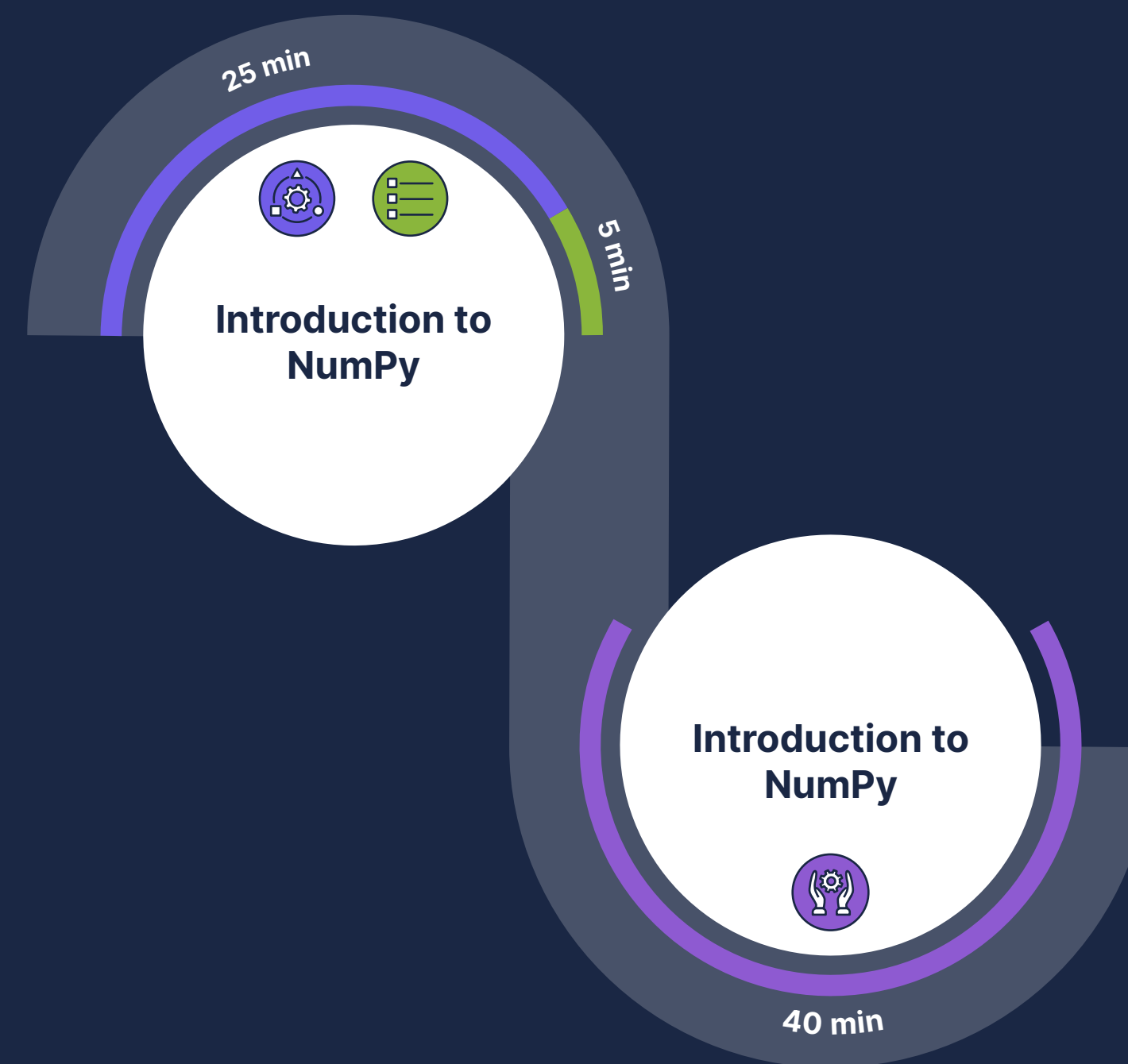
Examples



Knowledge questions



Exercise



Learning objectives

- Understand the NumPy Python library and its basic functionality.
- Know how to load, manipulate and analyse data using NumPy.

