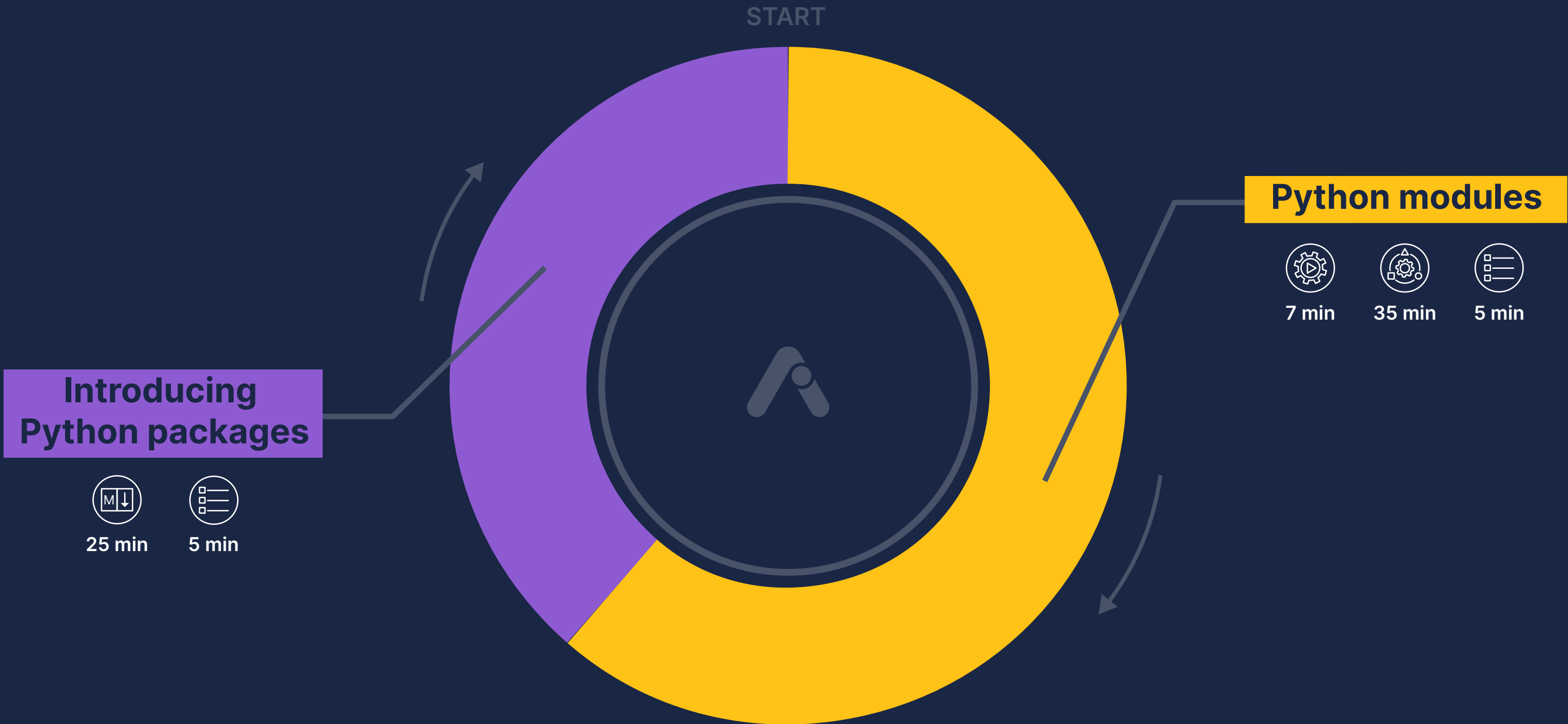# An introduction to packages in Python – Lesson overview

In this lesson, we explore the concepts of **modules** and **packages**. Modules are smaller pieces of code stored in a single file, which can be called or imported to another Python program when needed.

By doing so, we can **structure our code** in such a way that we can reuse code easily and efficiently. If we have a collection of modules on related topics, we can **create a package**, referring to the files in a **specific directory**, and import it into **another script**. This **allows us to build up a library of code** for future use.

Learning objectives

- Write a module and import all or specific objects from a module.

- Import modules using an alias name and explore the use of built-in modules.

- Understand the benefits of modularisation.

- Define a package and its hierarchical organisation.

START

Python modules

7 min   35 min   5 min

Introducing
Python packages

25 min   5 min

Walk-through   Knowledge questions

Examples   Markdown