Views – Lesson overview

A fundamental component of relational database management systems is SQL views. SQL views are a powerful tool for **simplifying complex queries, enhancing data security, and improving query performance**.

In this lesson, we get to learn how **views** serve as virtual tables that **improve data accessibility** and **enhance data security.**
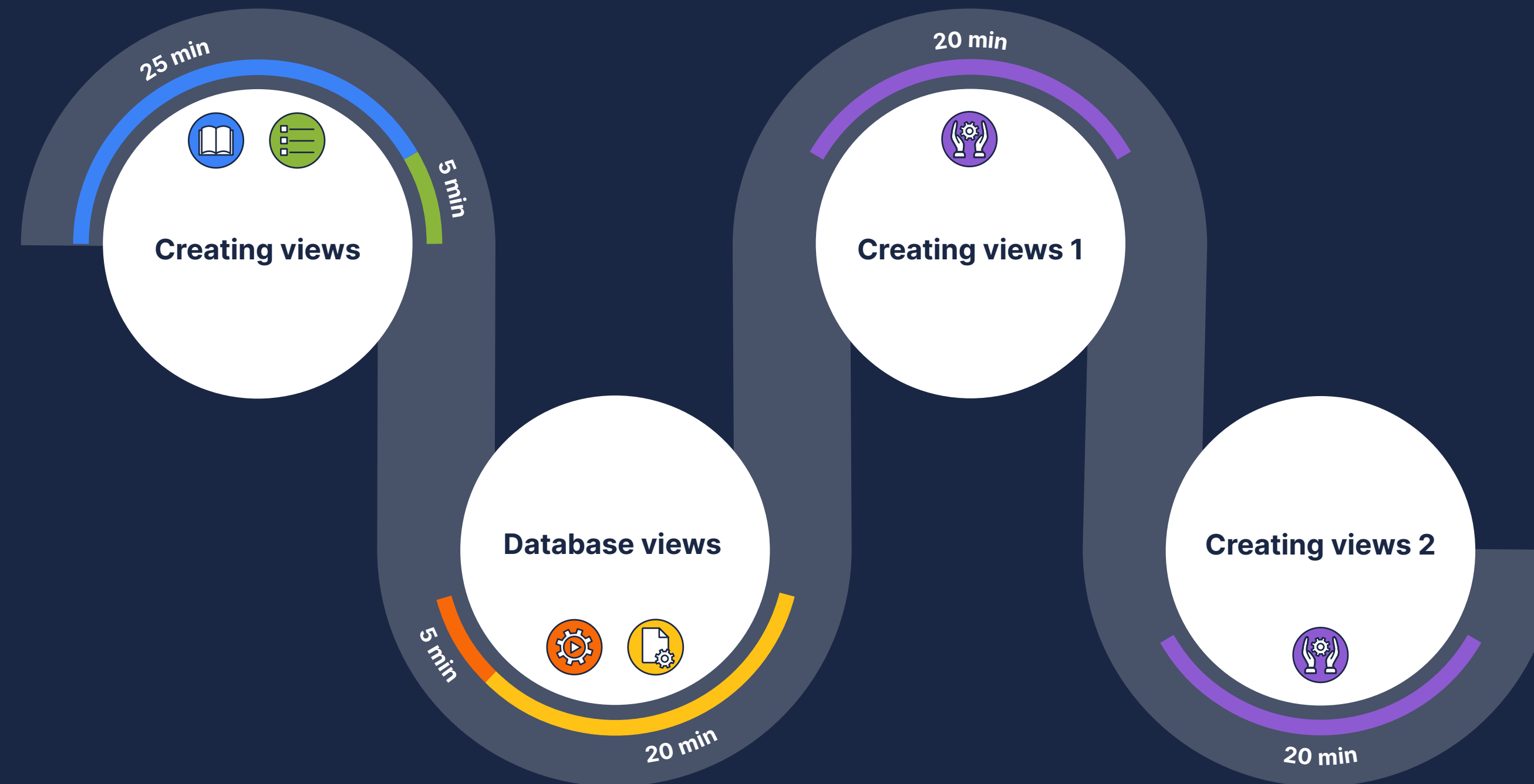
📘 **Slides**

📋 **Knowledge questions**

⚙️ **Walk-through**

📄 **Notebook**

🤲 **Exercise**

25 min

5 min

Creating views

20 min

Creating views 1

5 min

Database views

20 min

Creating views 2

20 min

Learning objectives

- Understand the role of SQL views in database management.

- Differentiate between SQL views and tables.

- Explain the advantages of using SQL views for query optimisation and data security.

- Create basic SQL views using the CREATE VIEW statement.