

## Exercise 2.3: Django Models

### Learning Goals

- Discuss Django models, the “M” part of Django’s MVT architecture
- Create apps and models representing different parts of your web application
- Write and run automated tests

### Reflection Questions

#### **1. How Django models work and their benefits:**

Django models are Python classes that define the structure of the database tables. They allow you to interact with the database using Python code instead of writing SQL directly. Benefits include easy database management, built-in data validation, straightforward handling of relationships, and a powerful query API.

#### **2. Why writing test cases early is crucial:**

Writing tests early helps identify bugs quickly, ensures your code behaves as expected, makes it safer to change and improve code later, and saves time by avoiding future errors. This leads to more reliable and maintainable projects.