Deployment

Hosting on Render

- Render is a cloud service provider

- Offers a generous free tier

- Can integrate directly with GitHub

    - Pushing a change to the main branch is picked up by Render, which then pulls the changes and deploys them live

Important Deployment Changes

- Change the DEBUG flag to False

  - Debug mode reveals too many details about the web app

  - Must also update ALLOWED_HOSTS when debug mode is off

- Protect the SECRET_KEY

  - If the secret key is known (e.g., accidentally uploaded to GitHub), then cross-site scripting attacks become feasible

  - We will first write the secret key to the run-time environment

  - We will then read the secret key from the run-time environment

Lab 9

- Use Render to host Lab 9

Key Skills

- Deploy Django web apps on Render