Task 2.2-Learning Journal

1. Suppose you're in an interview. The interviewer gives you their company's website as an example, asking you to convert the website and its different parts into Django terms. How would you proceed? For this question, you can think about your dream company and look at their website for reference.

Netflix is a movie app. The entire web application is the Project. Inside are the individual applications that perform different tasks like the login app that authenticates the user and continues to the profile page where you can view all the movies.

2. In your own words, describe the steps you would take to deploy a basic Django application locally on your system.

You first would need to create a virtual environment and then activate it and install Django. Then start a new project using commands from Django's built in tools. This will create the general file structure for the application. You would then run migrations to create the database for the app of the type that you configured in settings.py file of your project. After that, you would create a superuser for the admin and add apps to the project that perform specific functions within the project. Once all that is completed, you should be able to run the server on the local host.

3. Do some research about the Django admin site and write down how you'd use it during your web application development

The Django admin panel is an interface where users can create, read, update, and delete on the model directly. It is an instant interface where a user can manage contents of the site using CRUD operations, which saves a lot of development time.