Task 2.1 - Learning journal:

Suppose you're a web developer in a company and need to decide if you'll use vanilla (plain) Python for a project, or a framework like Django instead. What are the advantages and drawbacks of each?

Django was made to help developers create their apps fast with robust security and ease of scalability. It also comes loaded with a large library of tools and features you can use. Disadvantages of Django is having its own ways of performing tasks. This is referred to as The Django Way which steepens its learning curve and takes a large portion of server processing and time for small projects and its strength is seen as the code grows.

In your own words, what is the most significant advantage of Model View Template (MVT) architecture over Model View Controller (MVC) architecture?

In MVC structure you have to write the control that stands in the middle of the model (which interacts with the database and fetches data per request) and view (which prepares the presentation of the page), coordinates both and sends back HTTPS for every request received. On the other hand, in MVT structure the view stands in the middle of the model (interacts with database and fetches data) and template (prepares presentation), coordinates them appropriately and sends back a response URL. The advantage of MVT lies in that when request comes the view matches the URL with specific request and returns response, so here you don't need to write code for the view part like you do for the controller part in MVC.

Now that you've had an introduction to the Django framework, write down three goals you have for yourself and your learning process during this Achievement. You can reflect on the following questions if it helps:

● **What do you want to learn about Django?**

I want to learn how best to leverage Django and take advantage of its built in features to streamline the development of future apps.

● **What do you want to get out of this Achievement?**

I want to get a stronger understanding of Django and how it integrates with Python.

● **Where or what do you see yourself working on after you complete this Achievement?**

I see myself doing full stack application development making use of the most appropriate technology/framework depending on the needs.