

Learning Journal Entry 2.1

1. 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?

Some advantages of Django are its fast development and processing, its DRY principles keeping your code more efficient, its scalability, and its security and large community. Some disadvantages of Django are its very strict structure which can cause difficulty in building projects, and it is not great for simple projects.

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

The most significant advantage of MVT is its suitability for both small and large applications, it is easy to modify and keeps applications loosely coupled.

3. 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 am excited to learn more about MVT architecture and the structure of Django.
- What do you want to get out of this Achievement?
 - I want to be able to have a deeper understanding of Python and be more comfortable using Django.
- Where or what do you see yourself working on after you complete this Achievement?
 - I would see myself working on something in frontend development.