

Exercise 2.1: Getting Started with Django

Reflection Questions

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?
 - a. Plain python is already fast and scalable, but with Django they're going to be able to iterate out-of-the-box with a robust framework ideal for big implementation and massive databases. The drawback of Django is that you're relinquishing control of the finer points of your application and being forced to do things 'The Django Way' which has its own advantages & disadvantages, and may work against the companies ideal design choices.
2. In your own words, what is the most significant advantage of Model View Template (MVT) architecture over Model View Controller (MVC) architecture?
 - a. With MVT architecture, you don't have to write the code that fetches data from the database and map it to the URL. You can simply specify which items are to be presented to the user, and the framework(Template) will handle the rest. It is important to know that the View in MVT is the business logic layer of the application, and the Template handles the presentation, and in MVT, the View is the presentation and the Controller handles the business logic.
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?
 - How to efficiently build elegant frontends that seamlessly connect to databases
 - What do you want to get out of this Achievement?
 - A comprehensive understanding of Django good enough to go into a job and feel confident about.
 - Where or what do you see yourself working on after you complete this Achievement?
 - Hopefully a job!