

## **Exercise 2.1: Getting Started with Django**

- 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?**

The biggest advantages of Django are its scalability and the built in toolbox that comes with the framework. Therefore any project that does not need, or does not desire, those features will probably not need Django. This includes smaller projects where the scalability is not needed, or a project that wants more specialized add-ons not included with the framework.

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

In MVC architecture you must manually write code that fetches data from a database and maps it to a URL. MVT cuts out this part and as long as you specify which item to present to the user the framework will automatically link the data and the URL.

- 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:**

By the end of this achievement I want to be comfortable with the various tools Django offers and be able to build with them. If I work on larger projects in the future, being able to use those tools and scale up with my knowledge would be an incredible boon.