### Exercise 2.1: Getting Started with Django

Learning Goals

* Explain MVT architecture and compare it with MVC
* Summarize Django’s benefits and drawbacks
* Install and get 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?

If the goal would is to develop a flexible lightweight application I would rely on vanilla python since it allows you to include only the components you need and to have complete control over the design and structure of your application.

If the case was to build an application with a large user base that necessitates of a large database, ad scalability(at the expanse of flexibility and the weight of the code behind it) I would choose Django.

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

With Django—MVT architecture—you don’t have to write code to fetch the data from the database and map it to the URL. You simply need to specify which items to present to the user, and the framework (Template) will prepare and send it.

1. 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?
* What do you want to get out of this Achievement?
* Where or what do you see yourself working on after you complete this Achievement?