# 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?

The Advantages of using Django would include that it has fast development and processing due to the MVT architecture.  MVT also helps the projects scalability since it is a loosely coupled architecture.  This makes it simple to add new hardware and components.  Django has built in security and their is a large community to get support from.  Drawbacks of using this framework would be that you have to follow the Django way which can create difficulties to diverge from the rules.  Although sometimes developers find the Django way a benefit.  Django also isn't great with applications that may not need certain features such as database access or file management.

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 to using MVT or MVC is that it allows the data, logic, and format to remain separate from each other while MVC uses the controller to link the Model and View, which can make it harder to understand what is going on.

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 want to get more practice with Python and Django to get a better understanding if this is something that I would like to have more of a focus on going forward on my learning journey after I move past CareerFoundry.  I want to know if this language and framework something I want to get a job working with.

   - What do you want to get out of this Achievement?

I want to get a better understanding of Django and how to build an application with it.

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

I will see myself working with Python and Javascript both, so I can gain as much knowledge of the two as I can.  Working on more projects will help me fill my GitHub and gain more experience.  I will also be working on my network presence and resume in my preparation for my job search.