Explain how you can use CSS and JavaScript in your Django web application.

You can use CSS and Javascript by putting any files into a static directory and then defining the directory in the settings.

In your own words, explain the steps you'd need to take to deploy your Django web application.

First I would take out any sensitive information like secret keys and put them in my .gitignore file, and turn debug mode to FALSE. Then I would create a procfile and configure my settings for a heroku database. I would then install any required packages and update my requirements.txt. I would then deploy to github and create my new heroku application. I would set up any required addons or environment variables and then deploy from github after adding my heroku URL to my allowed hosts list. Finally though heroku I would make all of my migrations and create a superuser and a Django secret key.

What went well during this Achievement?

I was able to pick up Django models pretty easily, and figuring out views and templates was not much harder.

What's something you're proud of?

I really like how my data visualization section turned out. I think I made a good decision deciding which types of data to display that would give users the most useful information when they search for recipes. Being able to do something like show the popularity of recipes over time isn't really complicated but it is something I would see as near impossible for me to do even just a few months ago.

What was the most challenging aspect of this Achievement?

I had some trouble at first dealing with migrations after changing my models and with hosting some of my images. Other than that Django was pretty easy and fun to learn.

Did this Achievement meet your expectations? Did it give you the confidence to start working with your new Django skills?

Yes, and I found the data visualization practice to be particularly useful for my Django personal health app to collect the users diet and lifestyle trends and make personalized recommendations.