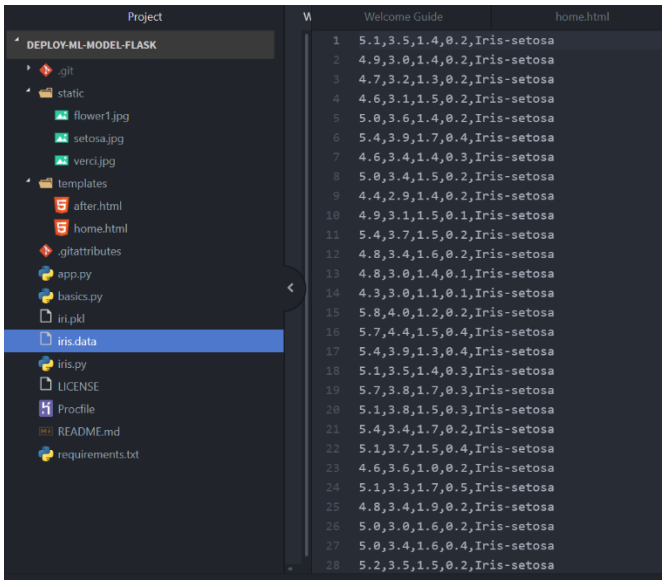
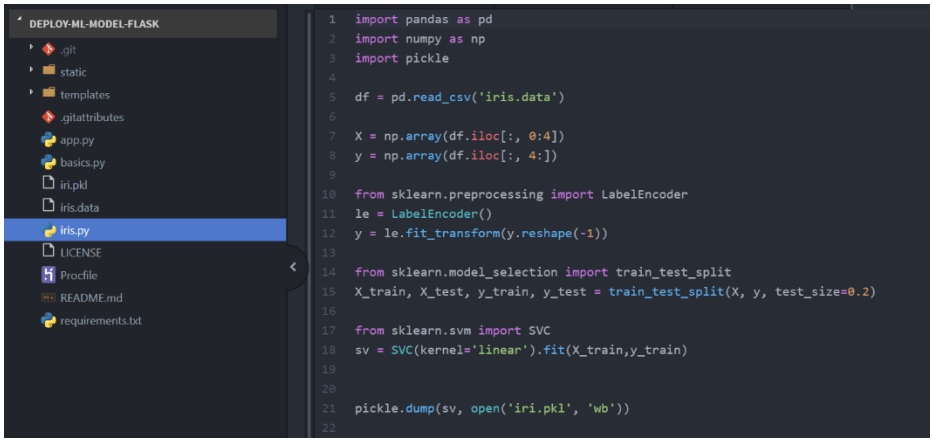
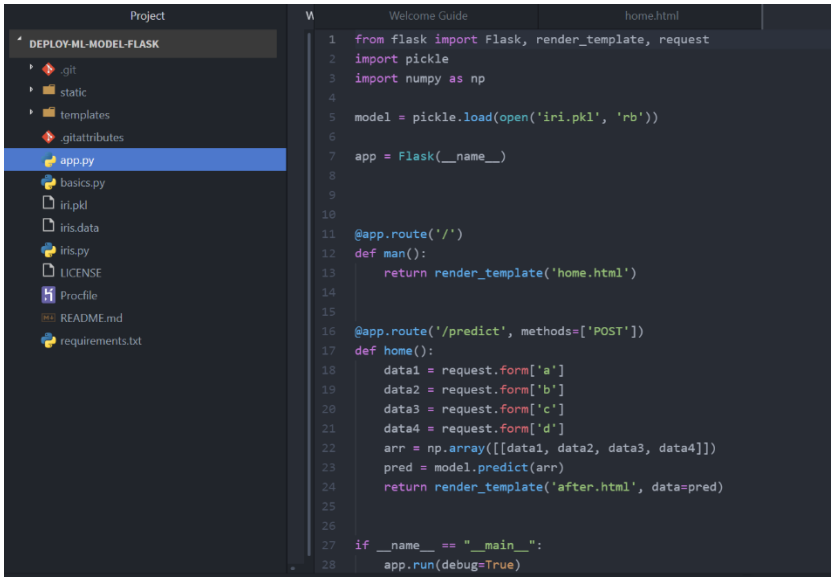
In this project I started off by collecting data, Iris data.



I built a simple machine learning model to classify the different flowers depending on their features.



I then built a flask app to host the code.

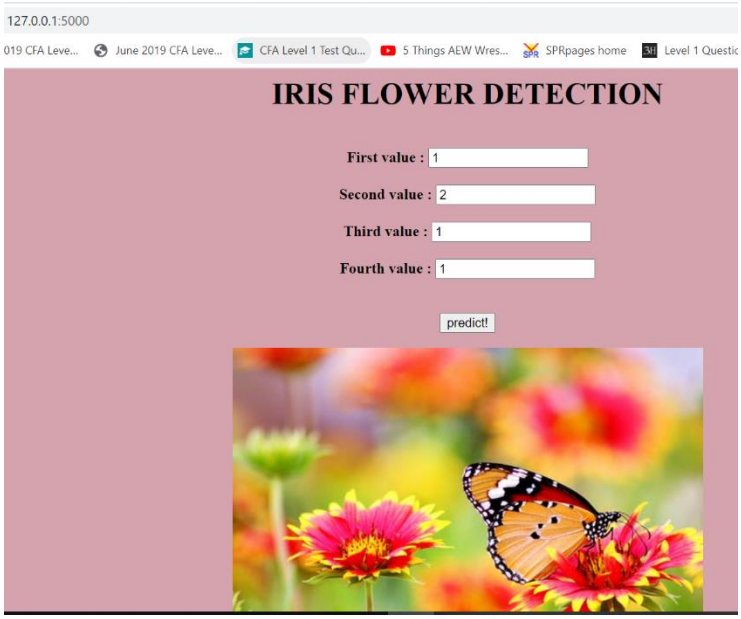


After that I built html files to for the front end of the flask app

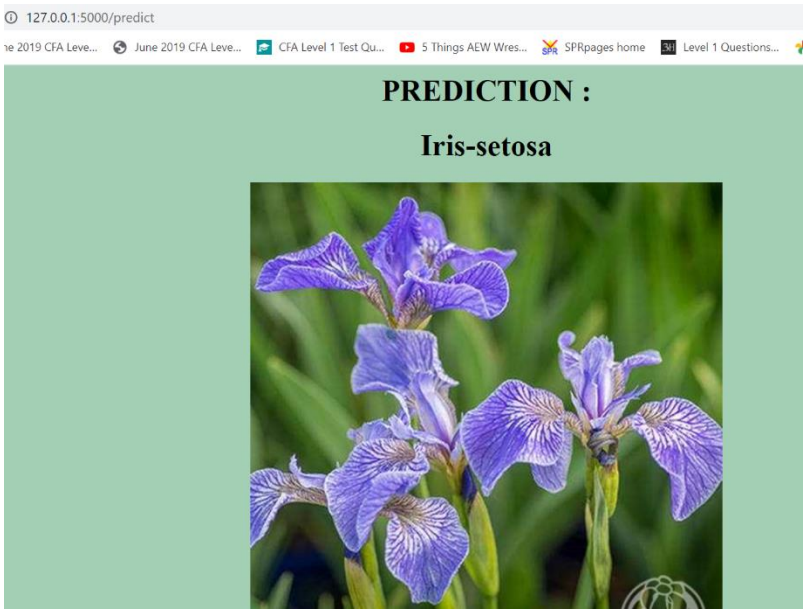
I also built another html file to represent the output I would get from the machine learning model.

```
<html>

<body bgcolor=#a3cfb4>

    <center>

        <h1>  PREDICTION :  </h1>

    {%if data == 0%}
    <h1>Iris-setosa</h1>
    <img src='static\setosa.jpg'>

    {%else%}
    <h1>Iris-versicolor</h1>
    <img src='static\verci.jpg'>

    {%endif%}

        <br><br>
    <a href='/'>go back to home page</a>

    </center>

</body>

</html>
```

The website hosted on local host. It allows the user to enter data and makes predictions on the dataset



The prediction for the above values is shown below.



I hosted the Flask app with python anywhere .com (http://kelvinmpofu1.pythonanywhere.com/)