Name: Week 4: Data Intake on Flask

Report date: 1/9/2022

Internship Batch: LISUM16

Version: 1.0

Data intake by: Olivia Foster Data intake reviewer: Data Glacier

Data storage location: https://github.com/LiviaNFoster/Week4-5

Data:

The data was pulled from a toy data set from the famous Iris dataset.

Total number of observations	150
Total number of files	1
Total number of features	5
Base format of the file	csv
Size of the data	3,975 bytes

Model.py:

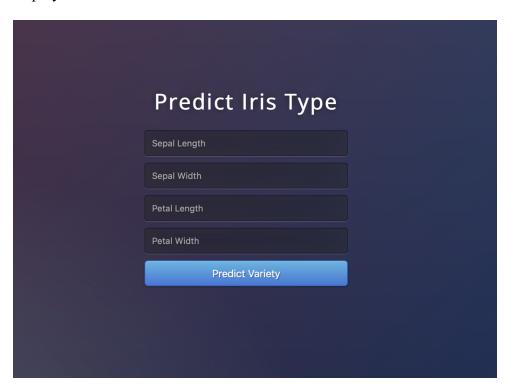
```
| Disport pendas as pd | import numpy as np | import numpy as np | import product | import product | import product | import product | import numpy as np | import product | import product | import product | import train_test_split | iris = pd.read_csv("Users/Olivia/Desktop/Week4-5project/iris.csv") | iris = pd.read_csv(
```

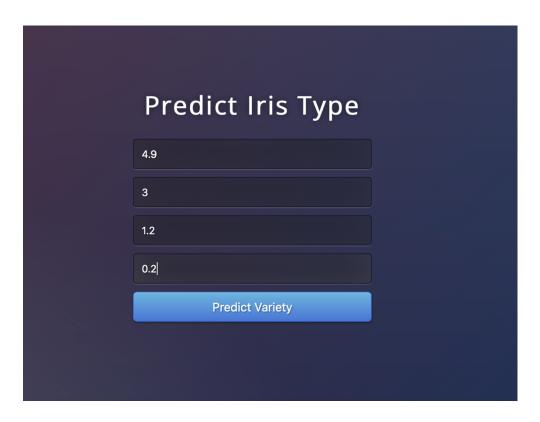
app.py:

iris.html:

```
<!DOCTYPE html>
   <title>ML API</title>
   <link href = 'https://fonts.googleapis.com/css?family=Pacifico' rel = 'stylesheet' type ='text/css'>
   <link href = 'https://fonts.googleapis.com/css?family=Arimo' rel = 'stylesheet' type ='text/css'>
   <link href = 'https://fonts.googleapis.com/css?family=Hind:300' rel = 'stylesheet' type ='text/css'>
   <link rel = "stylesheet" type ="text/css" href ="{{ url_for('static', filename ='css/scratch.css') }}">
</head>
<body>
<div class = "login">
   <h1> Predict Iris Type </h1>
   <form action="{{ url_for('predict')}}" method="post">
       <input type="text" name="sepal.length" placeholder="Sepal Length" required="required"/>
       <input type="text" name="sepal.width" placeholder="Sepal Width" required="required"/>
       <input type="text" name="petal.width" placeholder="Petal Width" required="required"/>
       <button type="submit" class="btn btn-primary btn-block btn-large">Predict Variety</button>
   </form>
{ prediction_text }}
</body>
</html>
```

Deployment:





Predict Iris Type

Sepal Length

Sepal Width

Petal Length

Petal Width

Predict Variety

Iris Variety should be Setosa