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Batch code - LISUM11: 30

Submission date – 27-07-2022

Submitted to – Data Glacier

Starting with python file. Where we are using toy dataset e.g. iris.csv

```
PS C:\Users\Deekshant\Downloads> c::; cd "c:\Users\Deekshant\Downloads"; & 'C:\Users\Deekshant\anaconda3\envs\downgrade\python.exe' 'c:\Users\Deekshant\.vscode\extensions\ms-python.python-2022.10.1\pythonFiles\lib\python\debugpy\adapter\..\..\debugpy\launcher' '51831' '--' 'c:\Users\Deekshant\Downloads\demo\ML-MODEL-DEPLOYMENT-USING-FLASK-main\model.py'
```

	Sepal_Length	Sepal_Width	Petal_Length	Petal_Width	Class
0	5.1	3.5	1.4	0.2	Setosa
1	4.9	3.0	1.4	0.2	Setosa
2	4.7	3.2	1.3	0.2	Setosa
3	4.6	3.1	1.5	0.2	Setosa
4	5.0	3.6	1.4	0.2	Setosa

```
PS C:\Users\Deekshant\Downloads>
```

Here we are Instantiate and fit the model, then we save that model.

And then next file of .py file we have load the model and from HTML form we have been taking value of sepal length and width and petal length and width and calculate prediction. Which further deploy in flask.

```
her' '51910' '--' 'c:\Users\Deekshant\Downloads\demo\ML-MODEL-DEPLOYMENT-USING-FLASK-main\app.py'
```

- * Serving Flask app "app" (lazy loading)
- * Environment: production
WARNING: This is a development server. Do not use it in a production deployment.
Use a production WSGI server instead.
- * Debug mode: on
- * Restarting with watchdog (windowsapi)
- * Debugger is active!
- * Debugger PIN: 110-113-521
- * Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)

```
█
```

Flower Class Prediction

Sepal_Length

Sepal_Width

Petal_Length

Petal_Width

Predict

Flower Class Prediction

5

10

2

3

Predict

The flower species is ['Virginica']