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Batch code - LISUM11: 30

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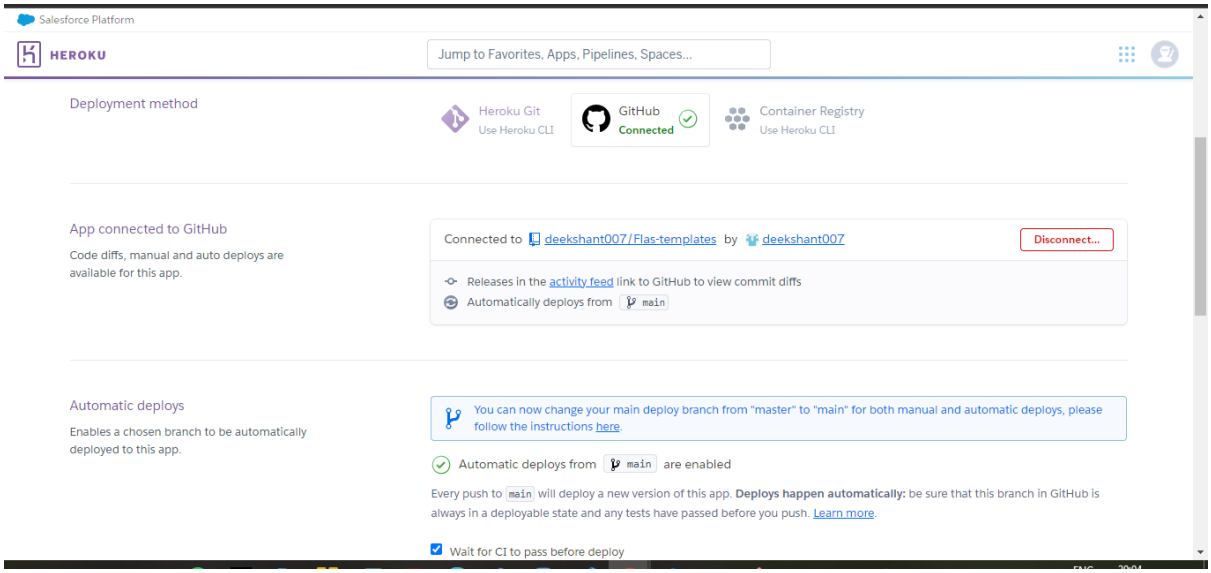
Submitted to – Data Glacier

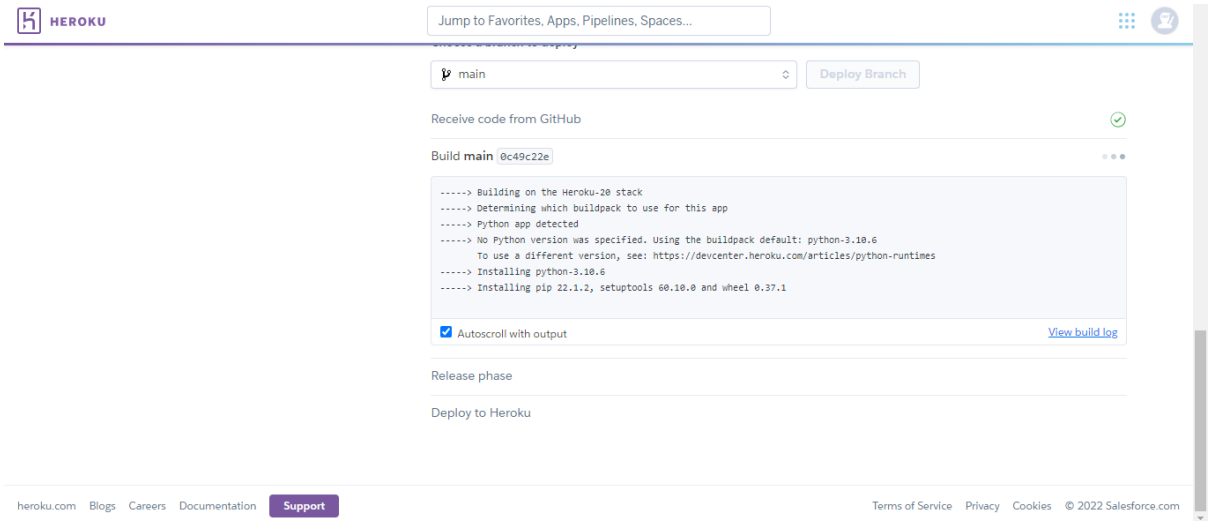
Starting with python file. Where we are using toy dataset e.g., iris.csv

```
PS C:\Users\Deekshant\Downloads>  c:; cd 'c:\Users\Deekshant\Downloads'; & 'C:\Users\Deekshant\anaconda3\envs\downgrade\python.e
xe' 'c:\Users\Deekshant\.vscode\extensions\ms-python.python-2022.10.1\pythonFiles\lib\python\debugpy\adapter/../..\debugpy\launc
her' '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 loaded 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 Heroku. I have connected Heroku with my github account .





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']