## Week 5 cloud deployment using Heroku

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Code: LISUM12

https://github.com/Mariamali2001/Data\_Glacier\_virtual\_internship/tree/week5\_v2

```
from the transform in the series of the
```

Here a snapshot for web app

```
x = data[["sepal_leng
y = data["species"]

Here a snapshot for model
```

```
import numey as my
import pandar as pd
import pickle
from sklearn.ensemble import Random prestclassifier
from sklearn.ensemble import train_test_split

data = m.read_csv('E:/solo projects/Data_Glacier_virtual_internship/Data_Glacier_virtual_internship/IRIS.csv'))

X = data[["sepal_length", "sepal_width", "petal_length", "petal_width"]]
Y = data["species"]

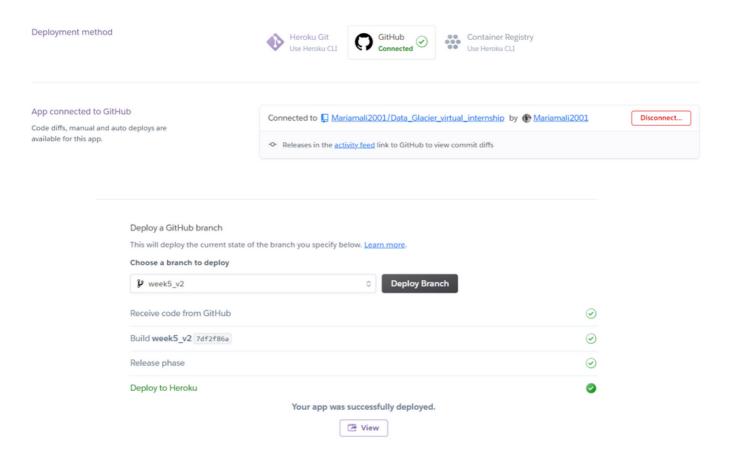
# split data to train and test
X_train,X_test , Y_train , Y_test = train_test_split(X, Y, test_size=0.2)

regressor =Random prestclassifier()

#fit the model
regressor.fit(X_train,Y_train)
# make pickle file to the model
pickle.dump(regressor, open('model.pkl','wb'))

# Loading model to compare the results
model = pickle.load(open('model.pkl','rb'))
```

## Snapshots from creating an account on Heroku and connecting GitHub to it, lastly cloud deployment



https://heroku-week5-data-glacier.herokuapp.com/