

PROJECT -2

You will be given a dataset [IRIS FLOWER DATASET] , create a model and deploy it using STREAMLIT app and permanently.


USE HEROKU FOR DEPLOYMENT.

URL:- <https://iris-data-set.herokuapp.com/>




<https://github.com/ALSVenky/iris-data-set>


Procedure:-

- CREATE a github repo
- Create a procfile and make sure you have setup.sh and app.py mentioned
- Create app.py file and write streamlit code in it.
- Create a requirements.txt file and add the required libraries.
- Create setup.sh file.
- Now go to heroku website and create a new app by linking to current github repository
- Make some negligible changes in the repository and commit the changes.
- After the changes are committed, Streamlink URL is generated.



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1 contributor

1 lines (1 sloc) 41 Bytes

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1 web: sh setup.sh && streamlit run app.py

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1 contributor

18 lines (14 sloc) 492 Bytes

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1 import streamlit as st
2 st.title("Iris Classifier- API")
3
4 s1 = st.slider('Sepal Length', 4.3, 7.9, 0.5)
5 sw = st.slider('Sepal Width', 2.0, 4.4, 0.5)
6 pl = st.slider('Petal Length', 1.0, 6.9, 0.5)
7 pw = st.slider('Petal Width', 0.1, 2.5, 0.5)
8
9 from sklearn.datasets import load_iris
10 iris = load_iris()
11

Iris Classifier- API



versicolor



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ec66af0 23 minutes ago

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