Major project report

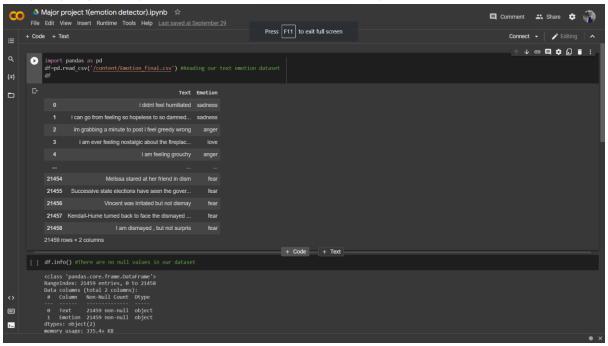
Self introduction

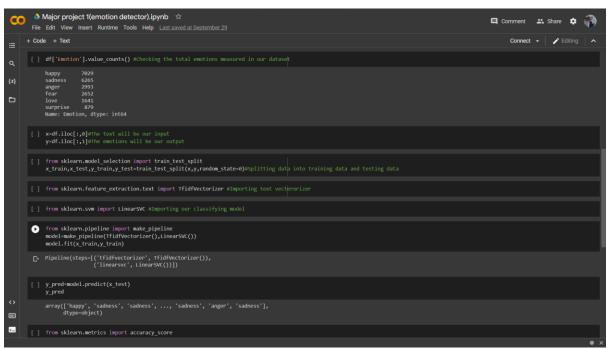
Name: Sanyam Jain

College: Thakur college of engineering and technology

Year: ST

Major project 1(Classifier-Emotion Detector)





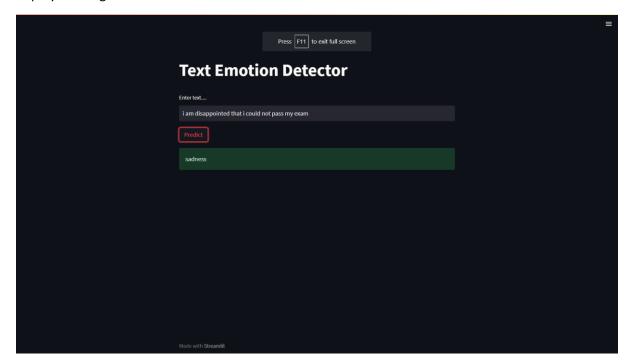
```
[] from sklearn.metrics import accuracy_score
accuracy_score(y_pred,y_test)*100 #The accuracy of our model is 88.59%

88.59273066169618

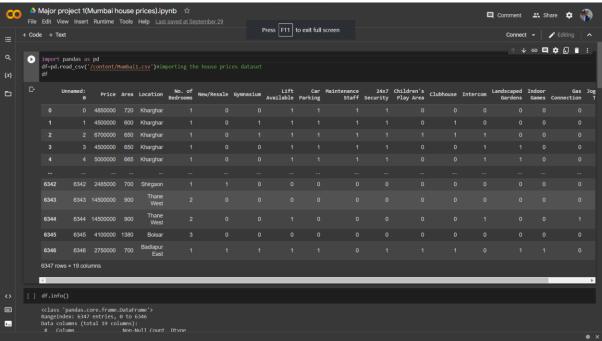
[] import joblib
joblib.dump(model,'Emotion Detector') #Dumping our emotion detection model
['Emotion Detector']
```

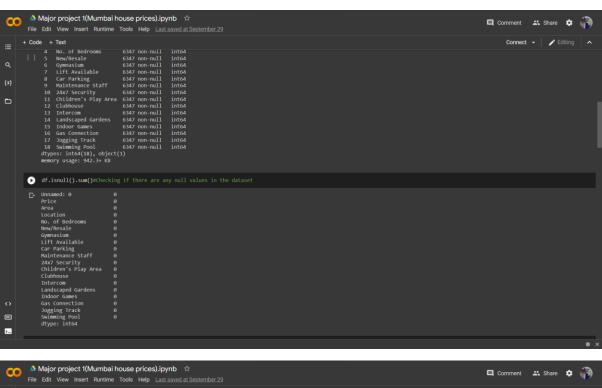
This app has been deployed successfully on Heroku with the name emotion-detector-sanyam-jain.

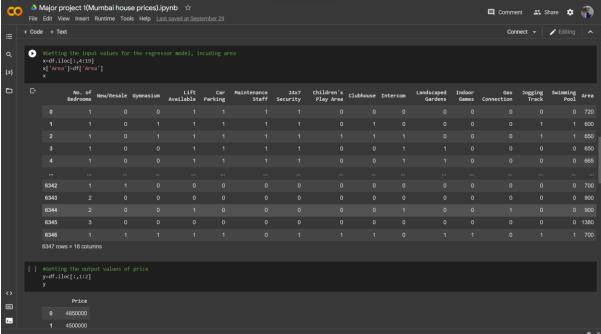
Heroku was connected to my github with the repository for this project and was then automatically deployed using streamlit.

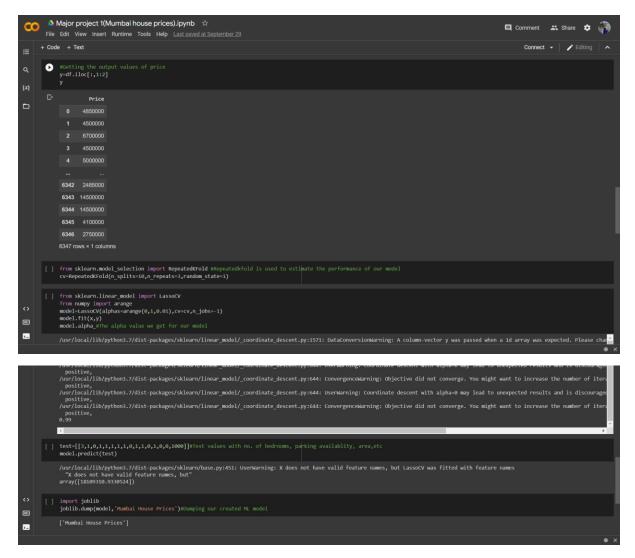


Major project 1(Regressor – Mumbai house prices)

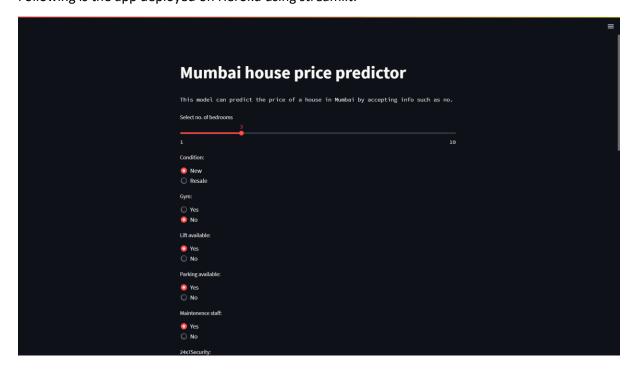


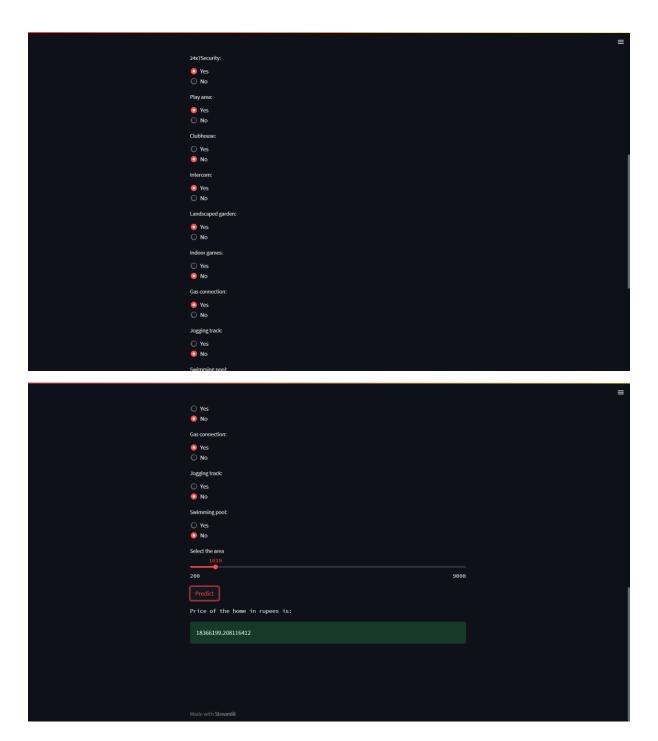






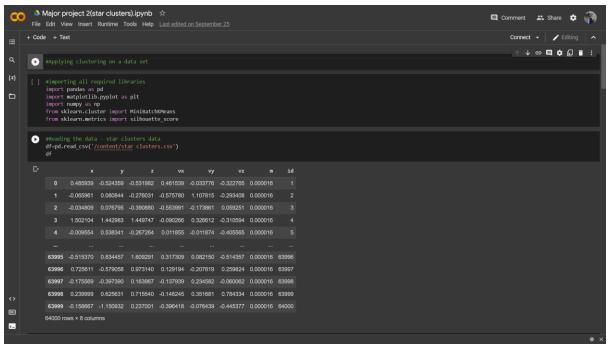
Following is the app deployed on Heroku using streamlit:

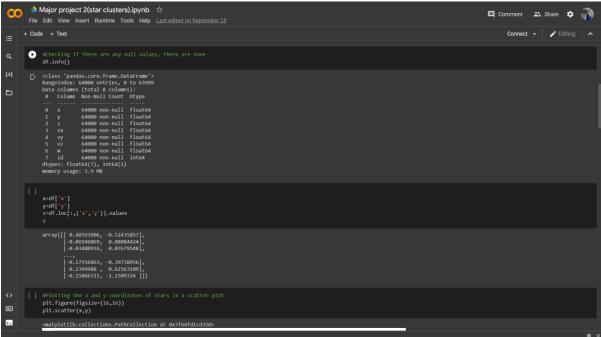


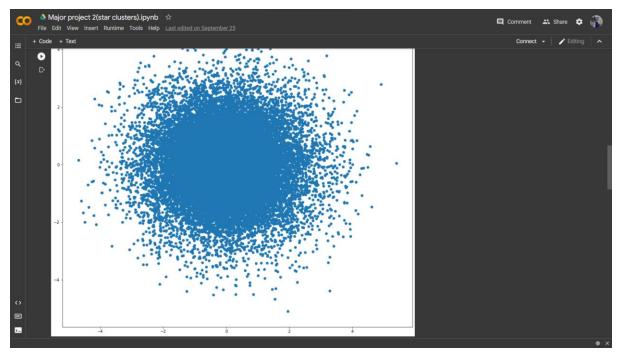


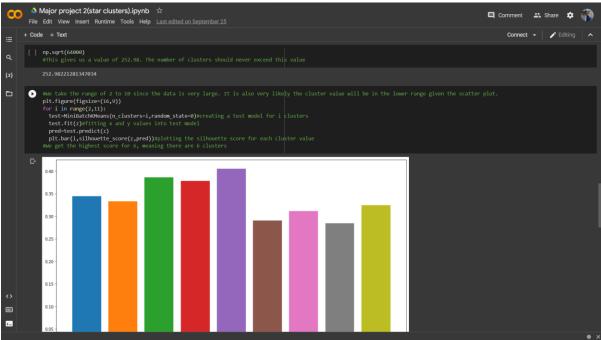
Major project 2(Clustering – Star Clusters)

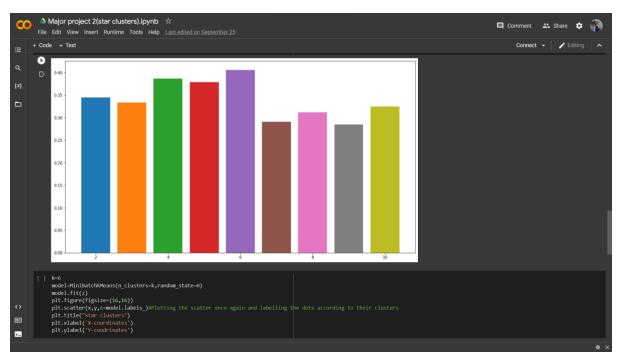
Following is the code for this project:

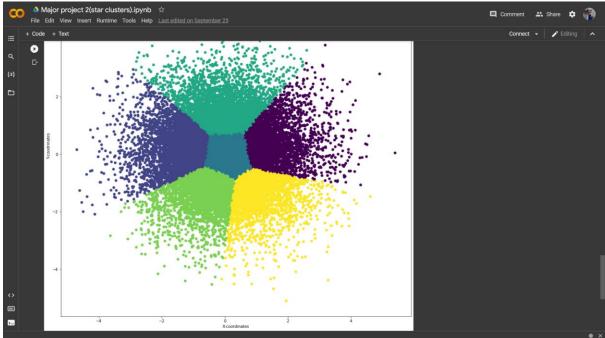












Resources

Github account containing repositories for all 3 major projects and includes all the files used:

https://github.com/sanyamjain0315

Heroku account with the app deployments:

https://emotion-detector-sanyam-jain.herokuapp.com/

https://mumbai-house-price-detection.herokuapp.com/

Google drive link with google colab notebooks and resources:

https://drive.google.com/drive/folders/1wLGEPhK8zN3mhfl2XSGT1723Lc2jZvLy?usp=sharing