RINEX TECHNOLOGIES

MAJOR PROJECTS

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BRANCH - ELECTRONICS AND COMMUNICATION ENGINEERING.

YEAR - 4^{TH} YEAR (7^{TH} SEM).

COLLEGE - SWAMI VIVIKANANDA INSTITUTE OF SCIENCE AND TECHNOLOGY.

ACKNOWLEDGEMENT

Success of any project depends largely on the encouragement and guidelines of many others. I take this sincere opportunity to express my gratitude to the people who have been instrumental in the successful completion of this project work.

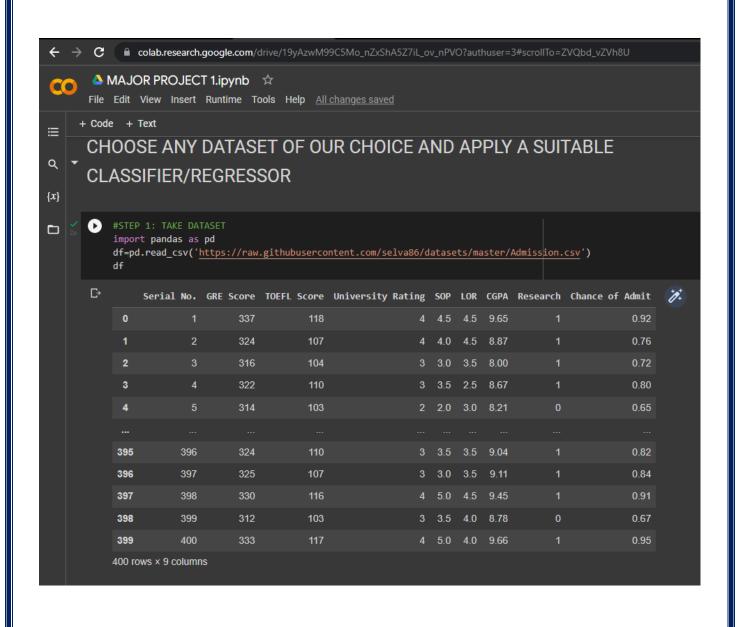
I would like to show our greatest appreciation to **Mr. AMEEN MANNA**. I always feel motivated and encouraged every time by his valuable advice and constant inspiration; without his encouragement and guidance this project would not have materialized.

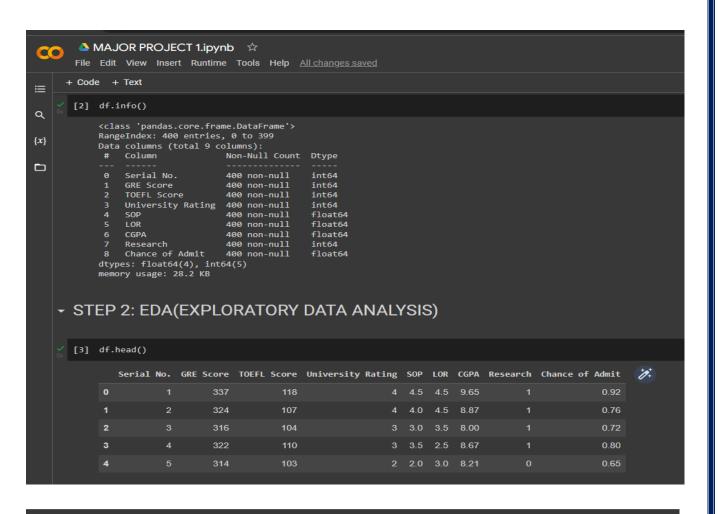
The guidance and support received from all the members and who are contributing to this project, was vital for the success of this project.

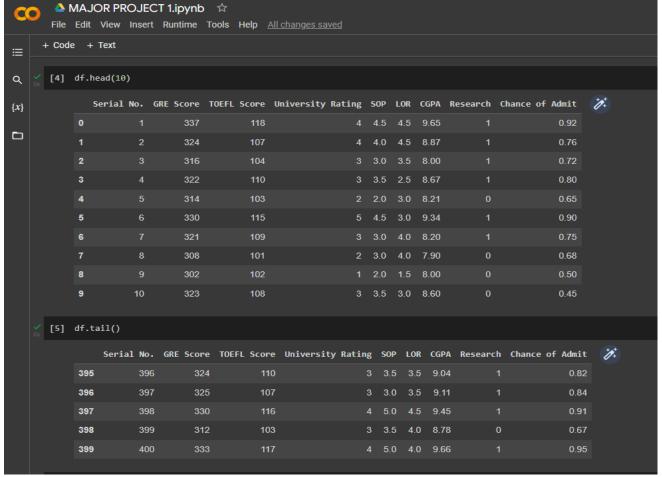
MAJOR PROJECT 1:

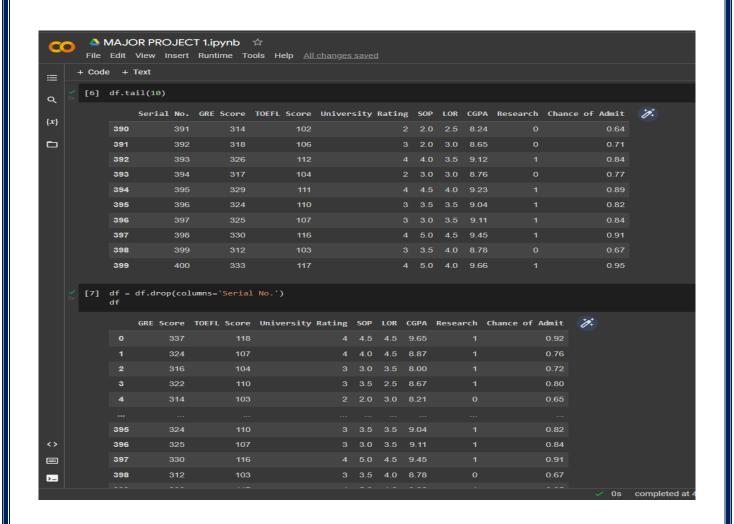
APPLY A SUITABLE CLASSIFIER / REGRESSOR Dataset:-

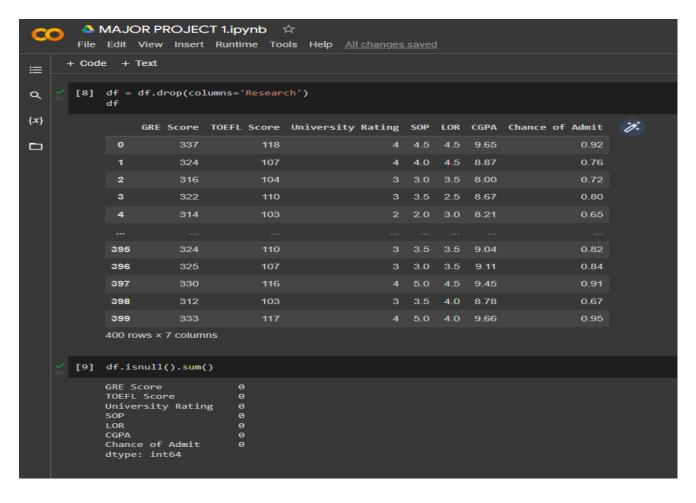
https://raw.githubusercontent.com/selva86 /datasets/master/Admission.csv

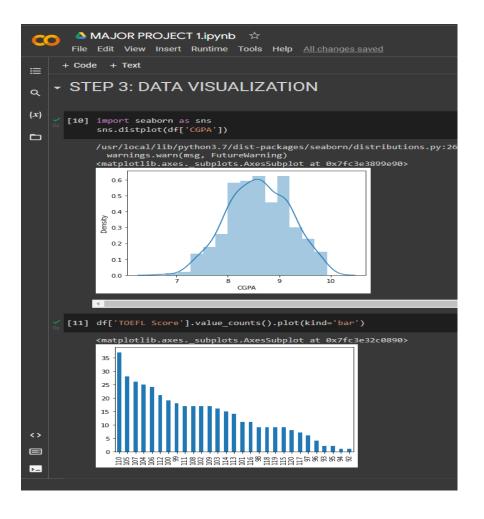


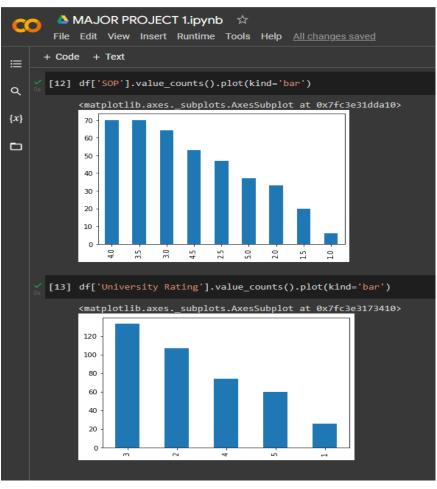












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MAJOR PROJECT 1.ipynb 
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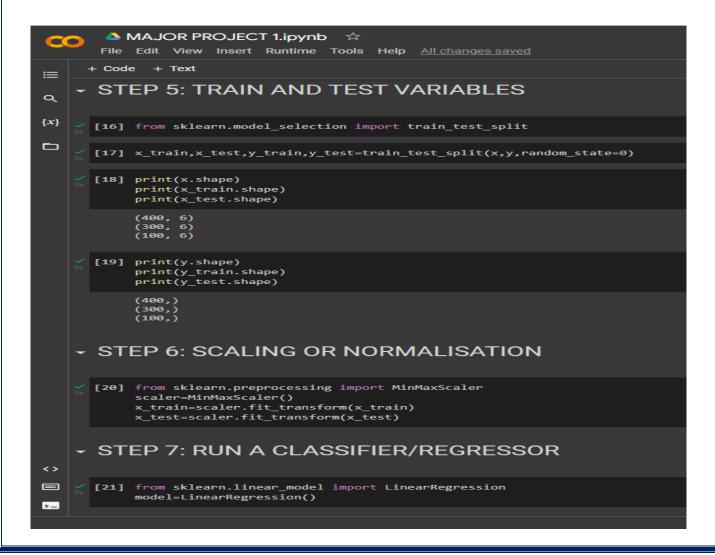
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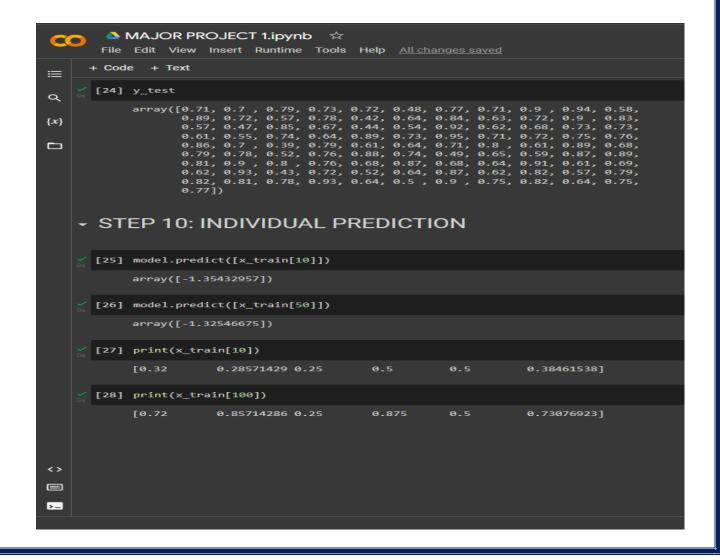
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MAJOR PROJECT 2:

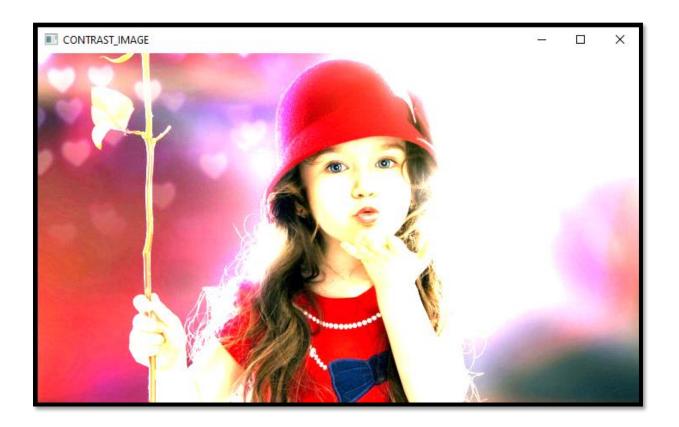
PROJECT ON IMAGE PROCESSING OF IMAGE TO GRAY SCALE, CONTRAST & BINARY CONVERSION

```
*binary.py - C:/Users/HP/AppData/Local/Programs/Python/Python310/binary.py (3.10.5)*
File Edit Format Run Options Window Help
#STEP 1: IMPORT LIBRARY
import cv2 as cv
import numpy as np
#STEP 2: IMPORT IMAGE
img=cv.imread('C://Users//HP//Desktop//RINEX//girl.jpg',)
#STEP 3: CONVERT THE IMAGE INTO GRAYSCALE
gray img=cv.cvtColor(img,cv.COLOR BGR2GRAY)
#STEP 4: CONTRAST IMAGE
contrast img=cv.addWeighted(img,2.5,np.zeros(img.shape,img.dtype),0,0)
#STEP 5: BINARY CONVERSION
ret, gray=cv.threshold(img, 127, 256, cv.THRESH BINARY)
#STEP 6: DISPLAY THE IMAGE
cv.imshow("ORIGINAL IMAGE",img) #original image
cv.imshow("GRAY IMAGE", gray img) #convert into gray image
cv.imshow("CONTRAST_IMAGE",contrast_img) #contrast_image
cv.imshow("BINARY IMAGE", gray) #convert into binary image
cv.waitKey()
cv.destroyAllWindows()
```











THANK YOU