Untitled1.ipynb - Colaboratory

colab.research.google.com/drive/1TjBZEXCbgC-9y6a_5JE6fLnCqRDRvcX8#scrollTo=3mJIQ3IOQSI2

Untitled1.ipynb

File Edit View Insert Runtime Tools Help Saving failed since 11:33 AM

Comment Share

+ Code + Text

RAM Disk

[6] data.describe()

	Serial No.	GRE Score	TOEFL Score	University Rating	SOP	LOR	CGPA	Research	Chance of Admit
count	400.000000	400.000000	400.000000	400.000000	400.000000	400.000000	400.000000	400.000000	400.000000
mean	200.500000	316.807500	107.410000	3.087500	3.400000	3.452500	8.598925	0.547500	0.724350
std	115.614301	11.473646	6.069514	1.143728	1.006869	0.898478	0.596317	0.498362	0.142609
min	1.000000	290.000000	92.000000	1.000000	1.000000	1.000000	6.800000	0.000000	0.340000
25%	100.750000	308.000000	103.000000	2.000000	2.500000	3.000000	8.170000	0.000000	0.640000
50%	200.500000	317.000000	107.000000	3.000000	3.500000	3.500000	8.610000	1.000000	0.730000
75%	300.250000	325.000000	112.000000	4.000000	4.000000	4.000000	9.062500	1.000000	0.830000
max	400.000000	340.000000	120.000000	5.000000	5.000000	5.000000	9.920000	1.000000	0.970000

```
sns.displot(data['GRE Score'])
```

```
<seaborn.axisgrid.FacetGrid at 0x7fc77cb2da90>
```

Automatic saving failed. This file was updated remotely or in another tab. Show diff

completed at 11:34 AM

ENG IN 11:42 AM 4/10/2023

Untitled1.ipynb - Colaboratory

colab.research.google.com/drive/1TjBZEXCbgC-9y6a_5JE6fLnCqRDRvcX8#scrollTo=3mJIQ3lOQSI2

Untitled1.ipynb

File Edit View Insert Runtime Tools Help Saving failed since 11:33 AM

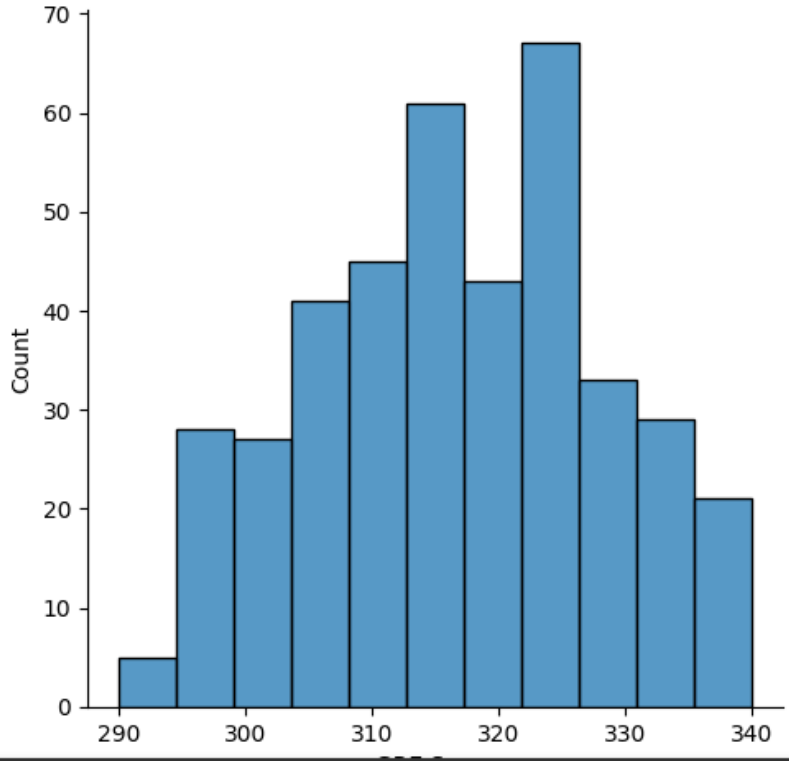
Comment Share

+ Code + Text

RAM Disk

0s

```
<seaborn.axisgrid.FacetGrid at 0x7fc77cb2da90>
```



Automatic saving failed. This file was updated remotely or in another tab. Show diff

completed at 11:34 AM

ENG IN 11:42 AM 4/10/2023

Untitled1.ipynb - Colaboratory

colab.research.google.com/drive/1TjBZEXCbgC-9y6a_5JE6fLnCqRDRvcX8#scrollTo=3mJIQ3lOQSI2

Untitled1.ipynb

File Edit View Insert Runtime Tools Help Saving failed since 11:33 AM

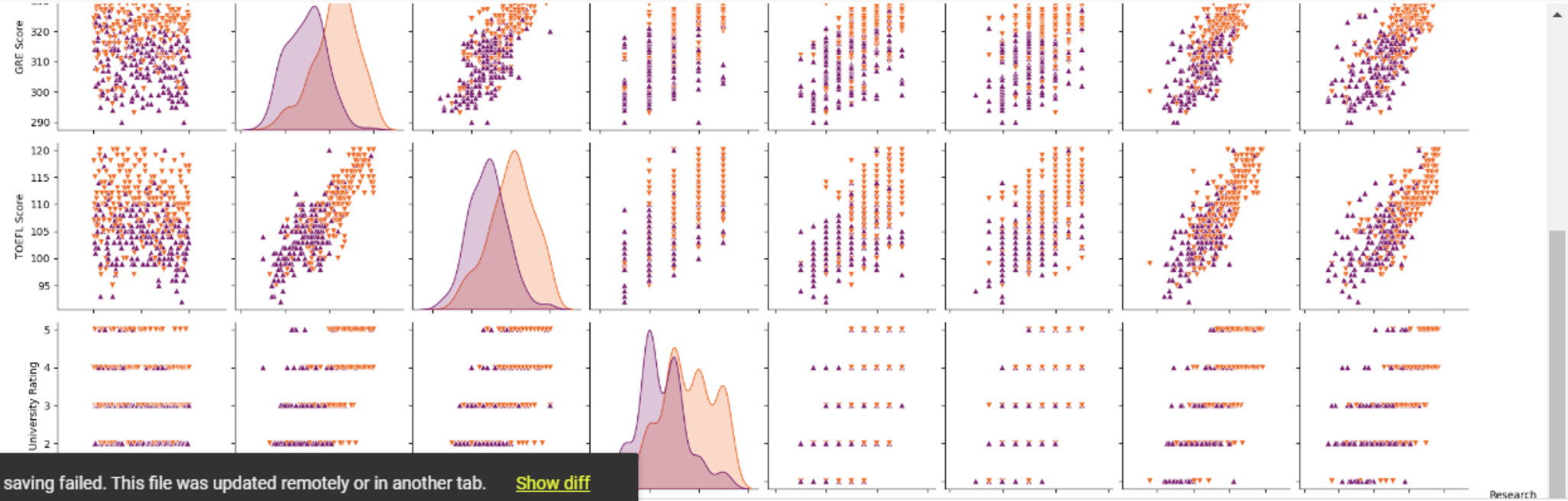
Comment Share

+ Code + Text

Reconnect

GRE Score

```
sns.pairplot(data=data,hue='Research',markers=["^","v"],palette='inferno')
```



Automatic saving failed. This file was updated remotely or in another tab. Show diff

completed at 11:34 AM

ENG IN 11:50 AM 4/10/2023

Untitled1.ipynb - Colaboratory

colab.research.google.com/drive/1TjBZEXCbgC-9y6a_5JE6fLnCqRDRvcX8#scrollTo=vxTx8LLjRJtJ

Untitled1.ipynb

File Edit View Insert Runtime Tools Help Saving failed since 11:33 AM

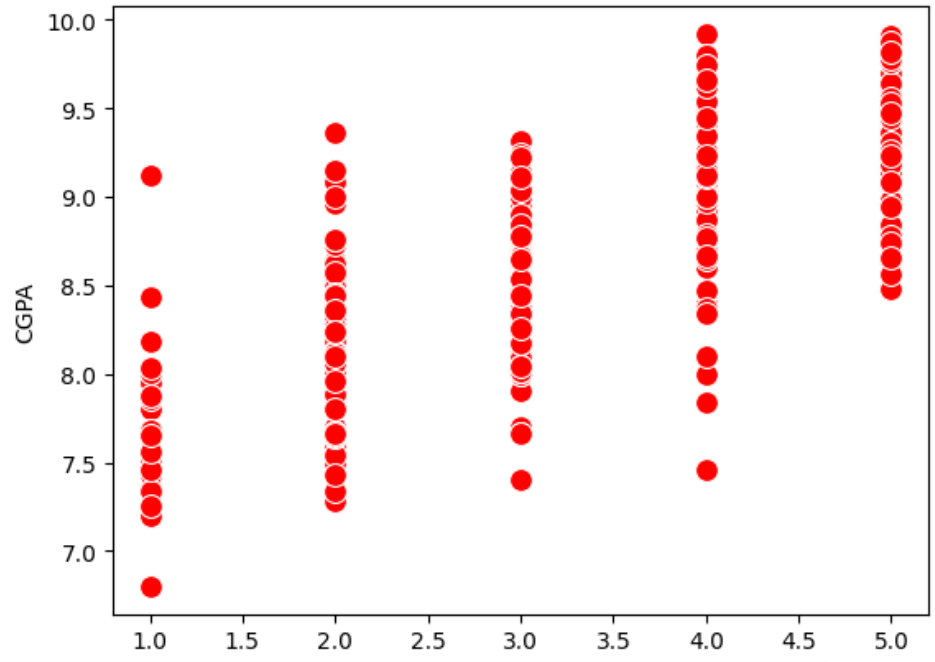
Comment Share

+ Code + Text

Reconnect

```
sns.scatterplot(x='University Rating',y='CGPA',data=data,color='Red',s=100)
```

```
<Axes: xlabel='University Rating', ylabel='CGPA'>
```



Automatic saving failed. This file was updated remotely or in another tab. Show diff

completed at 11:34 AM

ENG IN 11:51 AM 4/10/2023

Untitled1.ipynb - Colaboratory

colab.research.google.com/drive/1TjBZEXCbgC-9y6a_5JE6fLnCqRDRvcX8#scrollTo=9quoOteDfl-w

Untitled1.ipynb

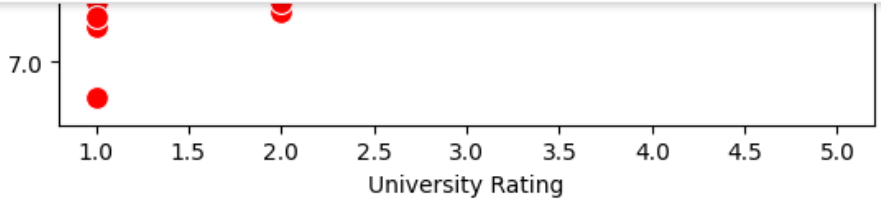
File Edit View Insert Runtime Tools Help Saving failed since 11:33 AM

Comment Share

+ Code + Text

RAM Disk

[19]
0s




```
category = ['GRE Score','TOEFL Score','University Rating','SOP','LOR','CGPA','Research','Chance of Admit']
color = ['yellowgreen','gold','lightskyblue','pink','red','purple','orange','gray']
start=True
for i in np.arange(4):
  fig = plt.figure(figsize=(14,8))
  plt.subplot2grid((4,2),(i,0))
  data[category[2*i]].hist(color=color[2*i],bins=10)
  plt.title(category[2*i])
  plt.subplot2grid((4,2),(i,1))
  data[category[2*i+1]].hist(color=color[2*i+1],bins=10)
  plt.title(category[2*i+1])


plt.subplots_adjust(hspace = 0.7,wspace = 0.2)
plt.show()
```

Automatic saving failed. This file was updated remotely or in another tab. Show diff

completed at 11:56 AM

ENG IN 11:57 AM 4/10/2023

Untitled1.ipynb - Colaboratory

colab.research.google.com/drive/1TjBZEXCbgC-9y6a_5JE6fLnCqRDRvcX8#scrollTo=9quoOteDfl-w

Untitled1.ipynb

File Edit View Insert Runtime Tools Help Saving failed since 11:33 AM

Comment Share

+ Code + Text

RAM Disk

```
[ ] x=data.iloc[:,0:7].values
    x
```

```
y=data.iloc[:,7:].values
y
```

+ Code + Text

```
[ ] from sklearn.model_selection import train_test_split
    x_train,x_test,y_train,y_test=train_test_split(x,y, test_size=0.30,random_state=101)
```

```
[ ] y_train=(y_train>0.5)
    y_train
```

```
[ ] y_test=(y_test>0.5)
```

```
[ ] from sklearn.linear_model.logistic import LogisticRegresstion
    cls = LogisticRegression (random_state =0)
```

Automatic saving failed. This file was updated remotely or in another tab. Show diff

completed at 11:56 AM

ENG IN 11:58 AM 4/10/2023

Untitled1.ipynb - Colaboratory

colab.research.google.com/drive/1TjBZEXCbgC-9y6a_5JE6fLnCqRDRvcX8#scrollTo=aRwtwXncRmYc

Untitled1.ipynb

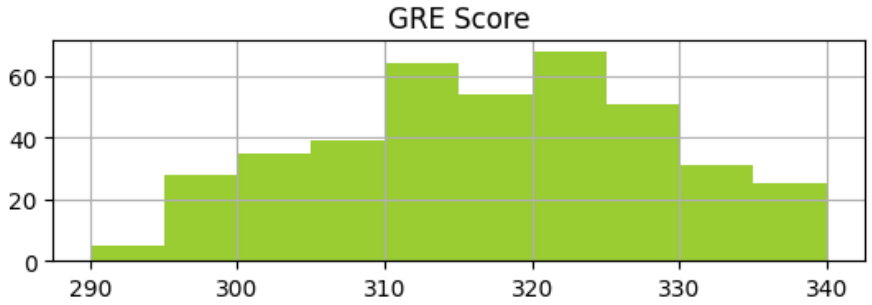
File Edit View Insert Runtime Tools Help Saving failed since 11:33 AM

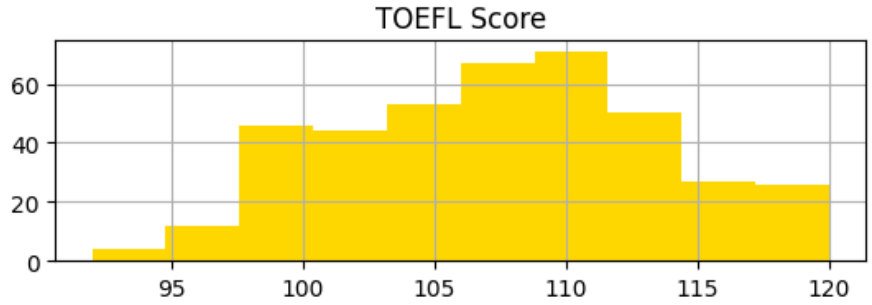
Comment Share

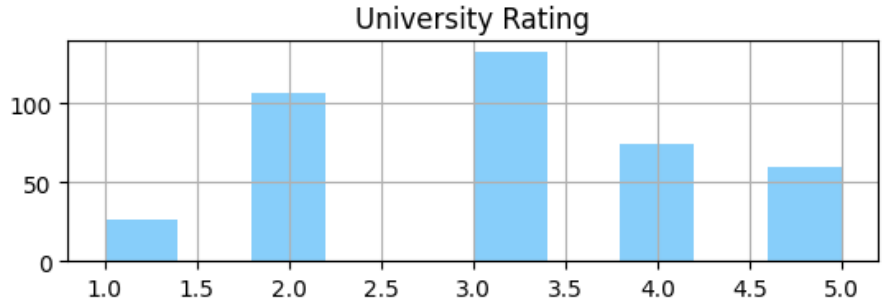
+ Code + Text

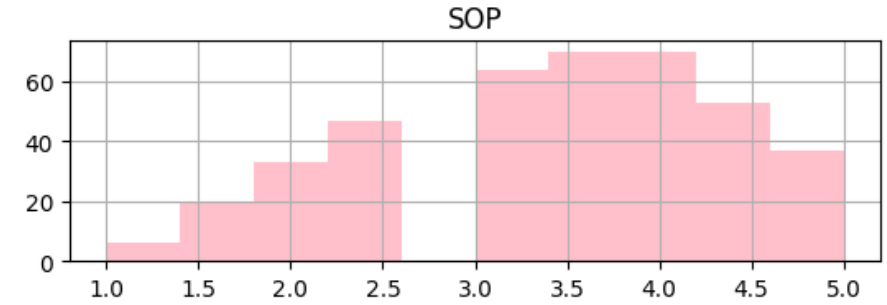
RAM Disk

SEARCH STACK OVERFLOW









Automatic saving failed. This file was updated remotely or in another tab. Show diff

completed at 12:11 PM

ENG IN 12:13 PM 4/10/2023