Serial No.	GRE Score	TOEFL Score	University Rating	SOP	LOR	CGPA	Research	Chance of Admit

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

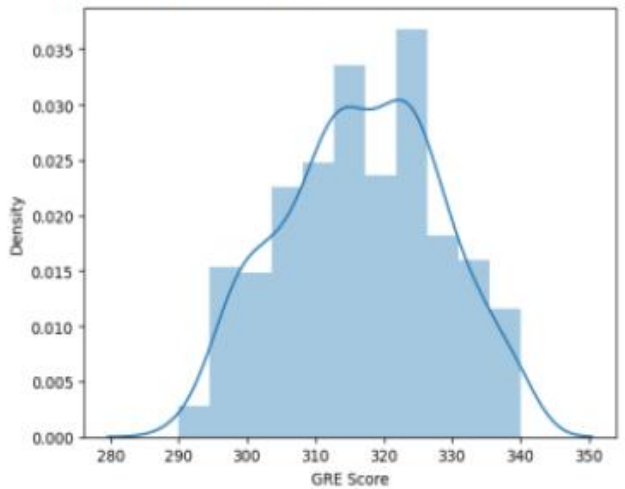
```
<ipython-input-6-64e93544a305>:1: UserWarning:

`distplot` is a deprecated function and will be removed in seaborn v0.14.0.

Please adapt your code to use either `displot` (a figure-level function with
similar flexibility) or `histplot` (an axes-level function for histograms).

For a guide to updating your code to use the new functions, please see
https://gist.github.com/mwaskom/de44147ed2974457ad6372750bbe5751

  sns.distplot(data['GRE Score'])
<Axes: xlabel='GRE Score', ylabel='Density'>
```




```
sns.pairplot(data=data,hue='Research',markers=["^",
```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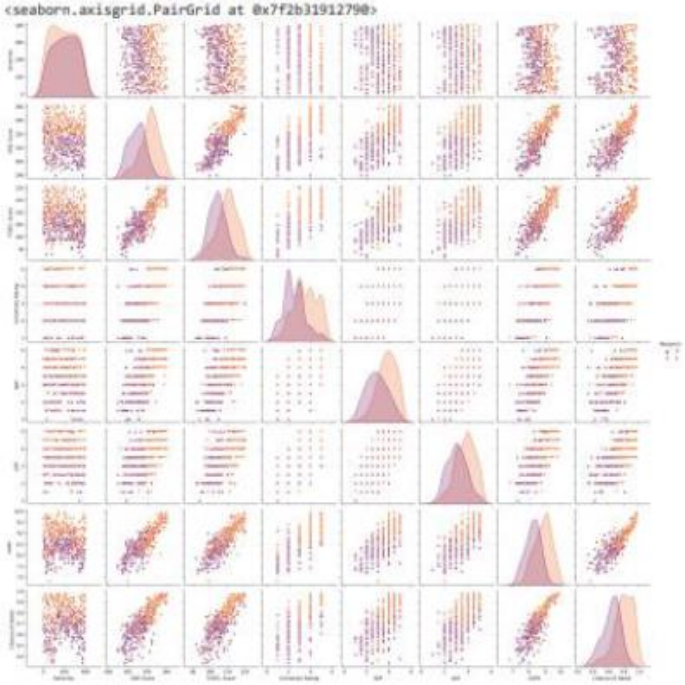
```
<seaborn.axisgrid.PairGrid at 0x7f2b31912790>
```



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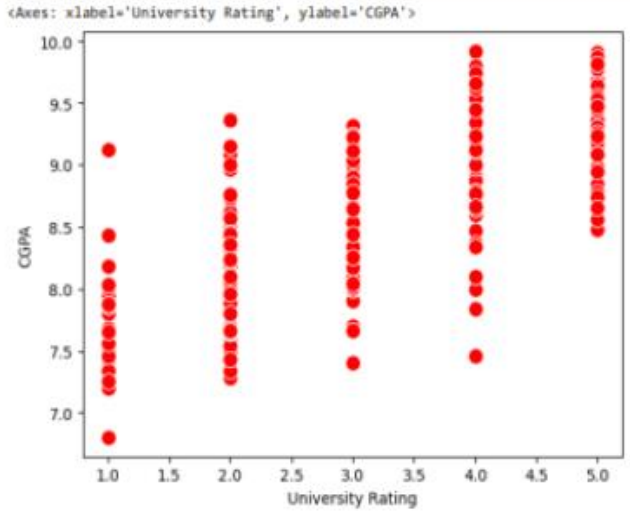

<Axes: xlabel='University Rating', ylabel='CGPA'>

```
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()
```


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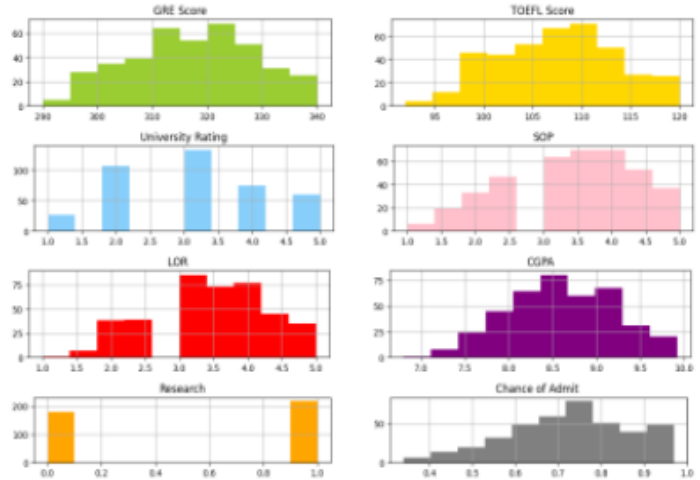


```
from sklearn.preprocessing import MinMaxScaler
sc=MinMaxScaler()
x=sc.fit_transform(x)
x
```

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

```
array([[  1.  , 337.  , 118.  ,   4.5 ,   4.5 ,   9.65,
```

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