1 import numpy as mp 2 import pandas as pd) import matplotlib.pyplot as plt 4 import seaborn as sns 5 Neatplotlib inline + Code - + Text [] 1 data-pd.read_csv('Admission_predict.csv') 2 data 3 Serial No. GRE Score TOEFL Score University Rating SOP LOR CGPA Research Chance of Admit 0 337 118 4 4.5 4.5 9.65 0.92 324 107 4 40 45 887 0.76 1 2 316 3 3.0 3.5 8.00 0.72 3 4 322 110 3 3.5 2.5 8.67 0.80 103 314 2 20 30 821 0.65 -Os completed at 7:18 PM

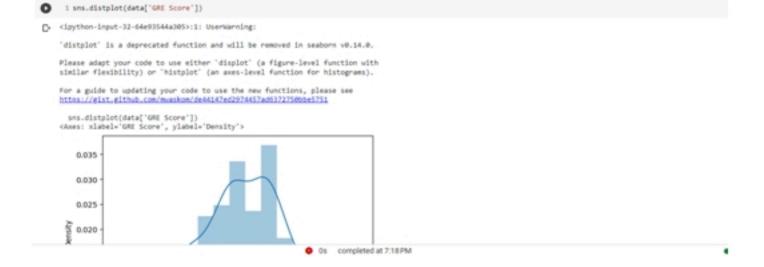
Serial No. GME Score TOEFL Score University Rating SOP LOW CGPA Research Chance of Admit 110 4 4.5 4.5 9.65 0.92 304 107 4 40 45 887 0.76 316 104 3 3.0 3.5 8.00 0.72 322 110 3 3.5 2.5 8.67 0.80 4 314 103 2 20 30 821 0.65 296 396 324 110 3 3.5 3.5 9.04 0.82 107 0.84 394 597 395 3 3.0 3.5 9.11 397 330 116 4 5.0 4.5 9.45 0.91 298 599 312 103 3 3.5 4.0 8.78 0.67 117 4 5.0 4.0 9.66 299 400 333 0.95

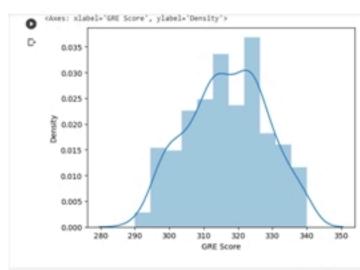
400 rows × 9 columns

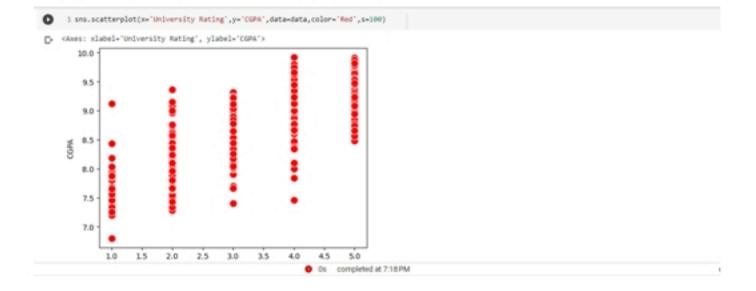
i data.info()

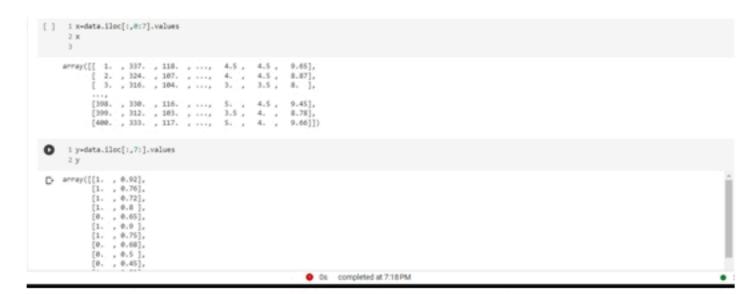
D. <class 'pandas.core.frame.DataFrame'> RangeIndex: 400 entries, 0 to 300 Data columns (total 9 columns): Non-Null Count Dtype # Column 488 non-null 8 Serial No. int64 GRE Score 400 non-null 1nt64 2 TOEFL Score 400 non-null int64 University Rating 400 non-null Int64 4 SOP 400 non-null float64 5 LOR 488 non-null float64 6 CGPA 400 non-null float64 7 Research 400 non-null int64 8 Chance of Admit 400 non-null float64 dtypes: float64(4), int64(5)

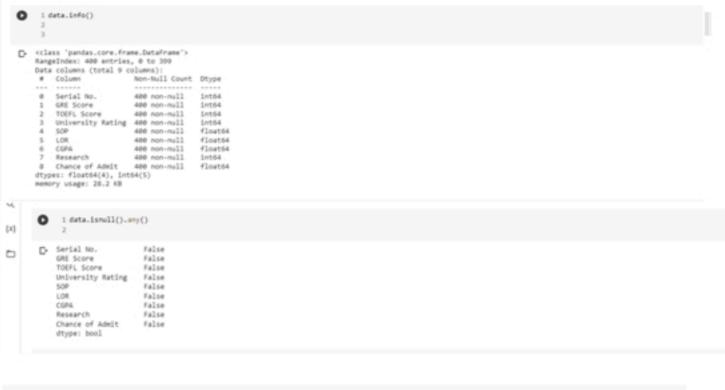
memory usage: 28.2 KB











[]	1 #let us rename the column	Chance of A	dmit becaseit	t has trainling space
	2 data-data.rename (columns	= {'Chance	of Admit ':'	Chance of Admit'})

1 data.describe()

D		Serial No.	GRE Score	TOEFL Score	University Rating	50P	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

