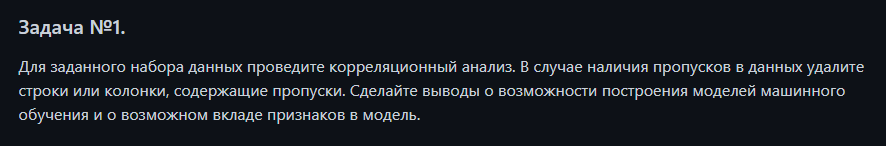
Зонова Анна, ИУ5-64Б,РК1

Вариант 6







**Решение:**

import pandas as pd

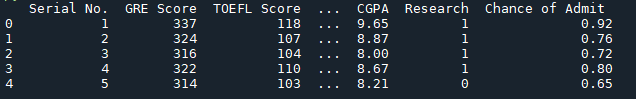
import matplotlib.pyplot as plt

import seaborn as sns

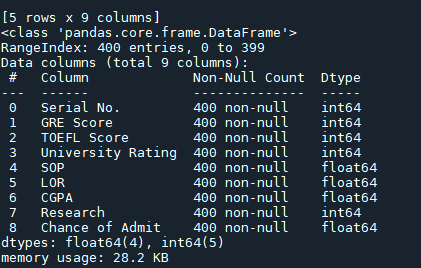
file = 'Admission\_Predict.csv'

data = pd.read\_csv(file, sep=",")

print(data.head())

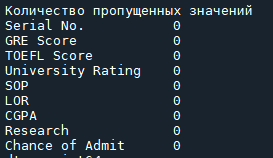


print(data.info())



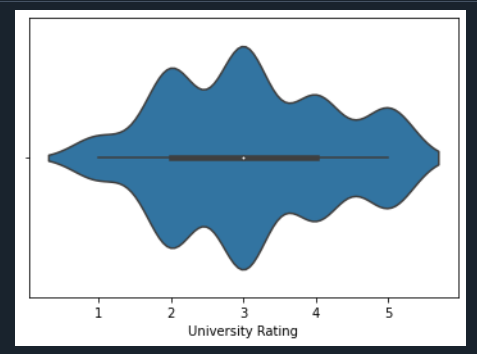
print('Количество пропущенных значений')

print(data.isnull().sum())



**Пропуски в данных не обнаружены.**

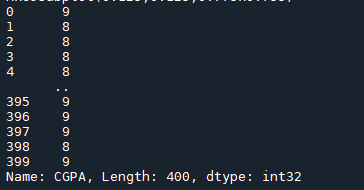
print(sns.violinplot(x=data['University Rating']))



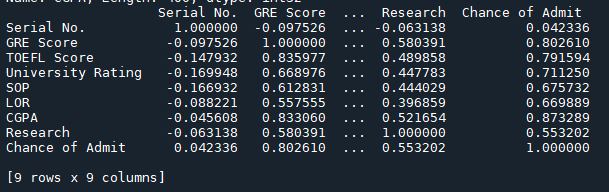
data['CGPA'].replace('No', 0,inplace=True)

data['CGPA'].replace('Yes', 1, inplace=True)

print(data['CGPA'].astype(int))



print(data.corr())



print(sns.heatmap(data.corr(), annot=True))

