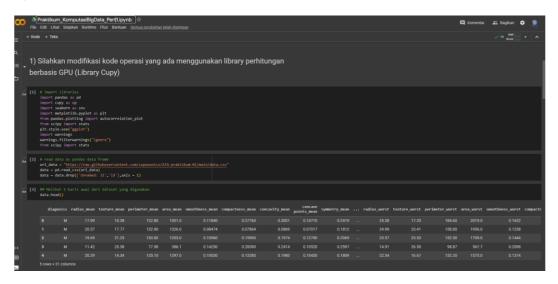
NAMA : MUHAMMAD TARMIDZI BARIQ

KELAS : 2IA11

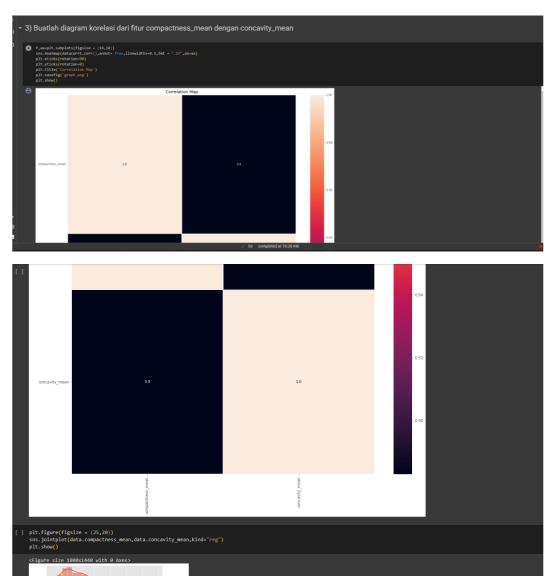
NPM : 51422161

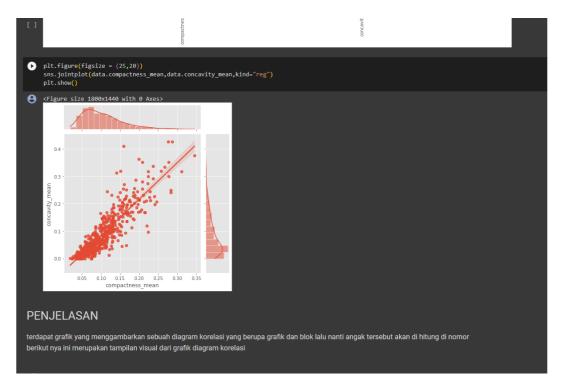
1.



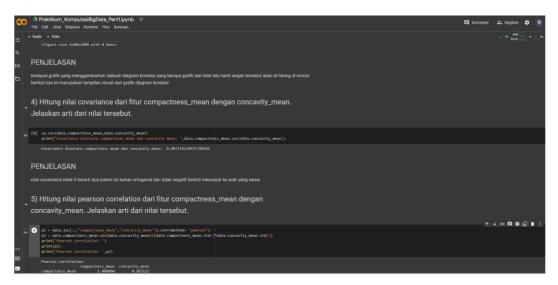
2.







4.



5.

5) Hitung nilai pearson correlation dari fitur compactness_mean dengan concavity_mean. Jelaskan arti dari nilai tersebut.

p1 = data.loc[:,["compactness_mean","concavity_mean"].corr(method= "pearson")
p2 = data.compactness_mean.cov(data.concavity_mean)/(data.compactness_mean.std())*data.concavity_mean.std())
print("Pearson correlation: ')
print(p1)
print("Pearson correlation: ',p2)

Pearson correlation: ',p2)

Pearson correlation: 0.883121 1.000000
Pearson correlation: 0.883121 1.000000
Pearson correlation: 0.883120670177251

PENJELASAN

Pearson korelasi antara compactness dan concavity berkorelasi positif dikarenakan nilai korelasinya 0.88 angka yang dapat menunjukan korelasi yang positif

6

