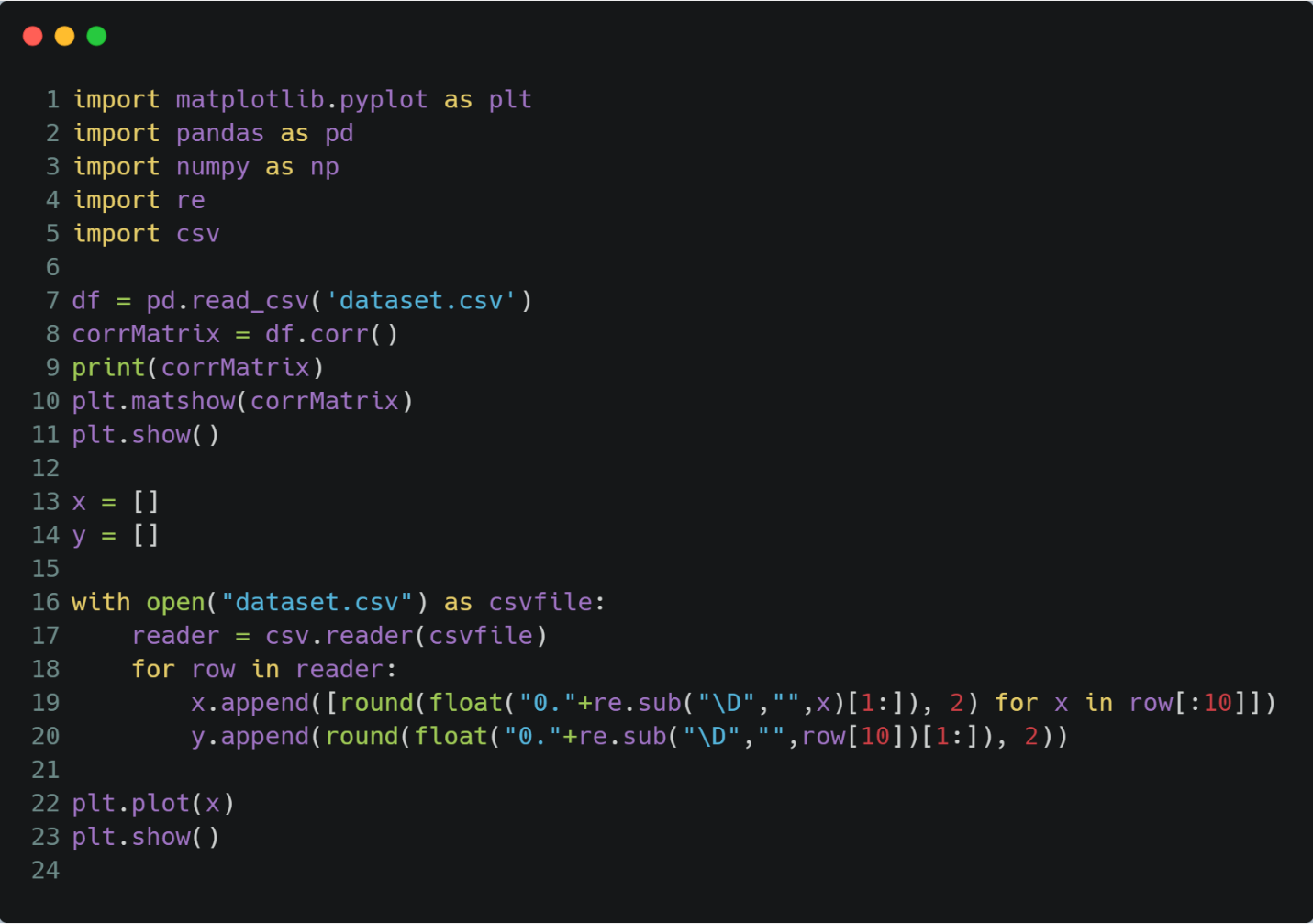
**Probability Lab 8**

Anudit Nagar - E18CSE024

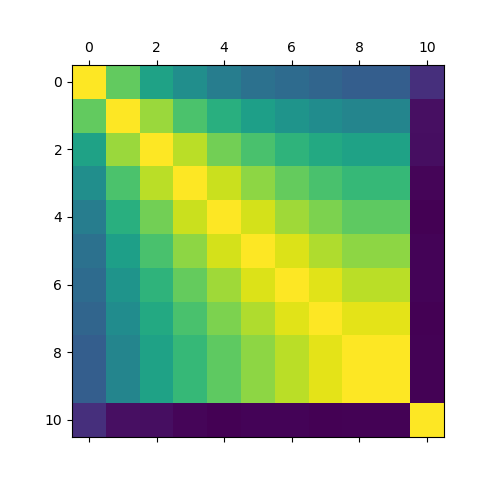
Question 1

CODE

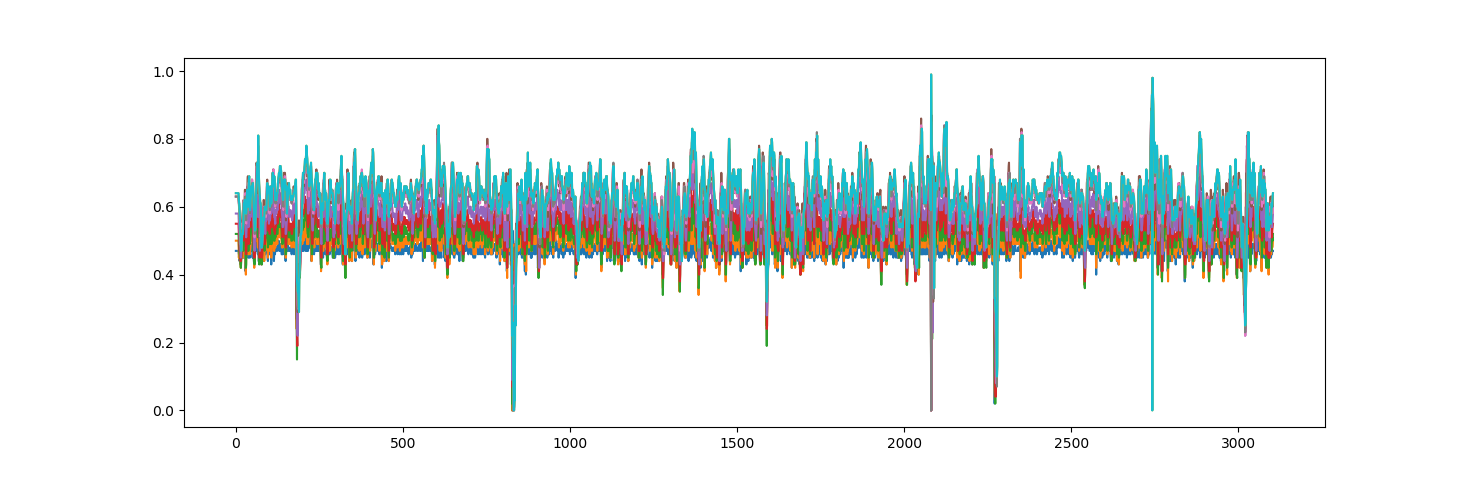


OUTPUT

Correlation Matrix



Redundant Data / Data anomalies



Question 2

CODE



**OUTPUT**

[LAB8] Fitting Regression Model

X : (3105, 10)

Y : (3105, 1)

[LAB8] Computing X\*X.T

[LAB8] Computing (X\*X.T)^-1

[LAB8] Computing ((X\*X.T)^-1) \* X.T \* Y

[LAB8] Output => Predicted θ

[LAB8] Output => Predicting y

[LAB8] Computing MSE

0.001060716646764775

