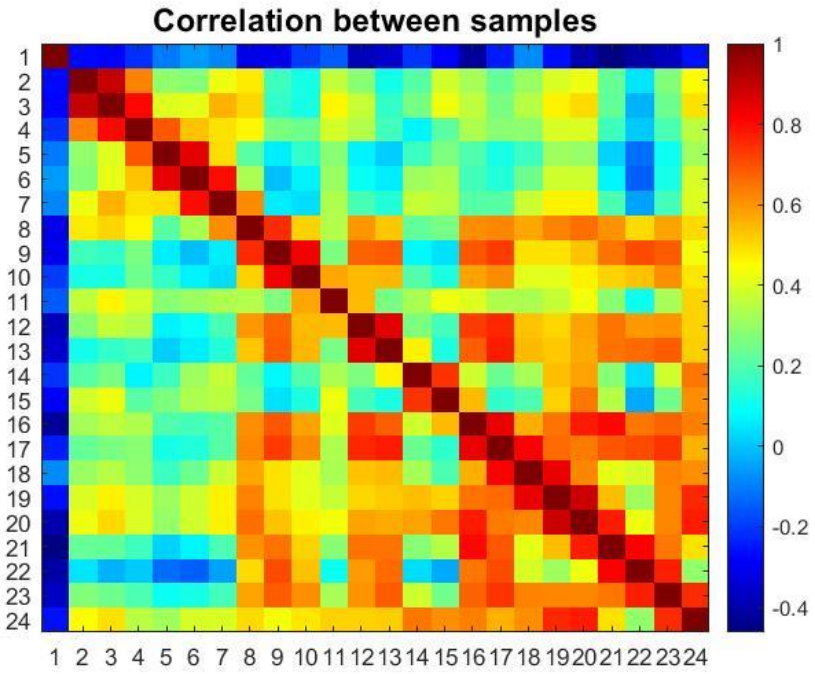
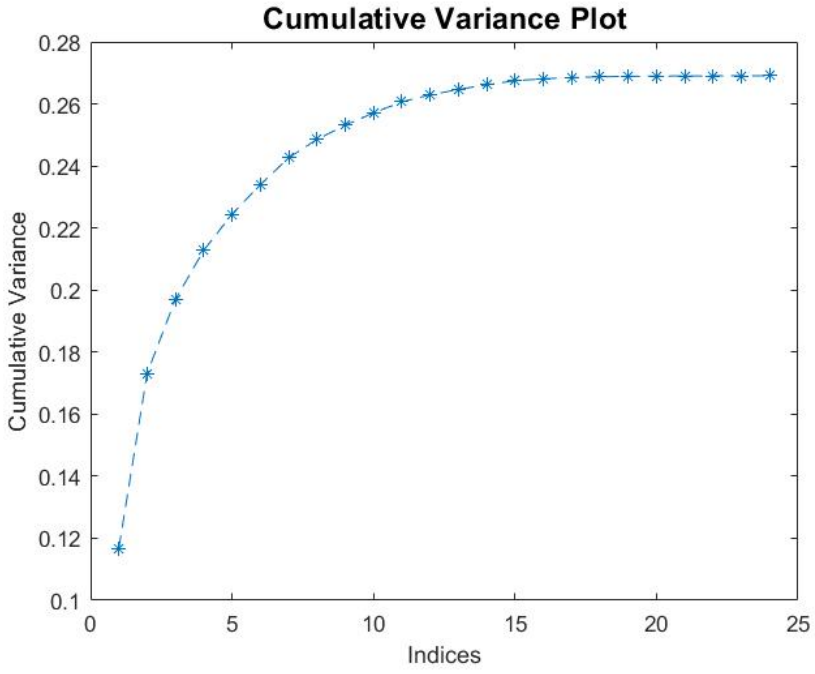
Report for task 1

Task 1.2

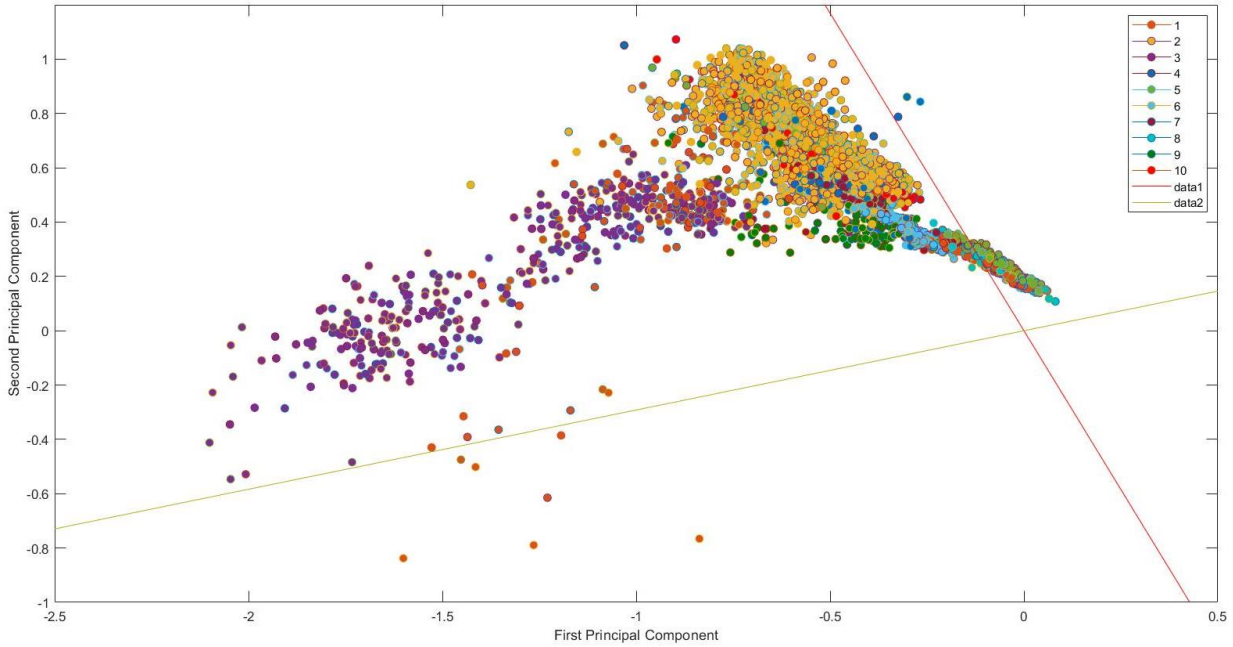


Task 1.3

b.



c.

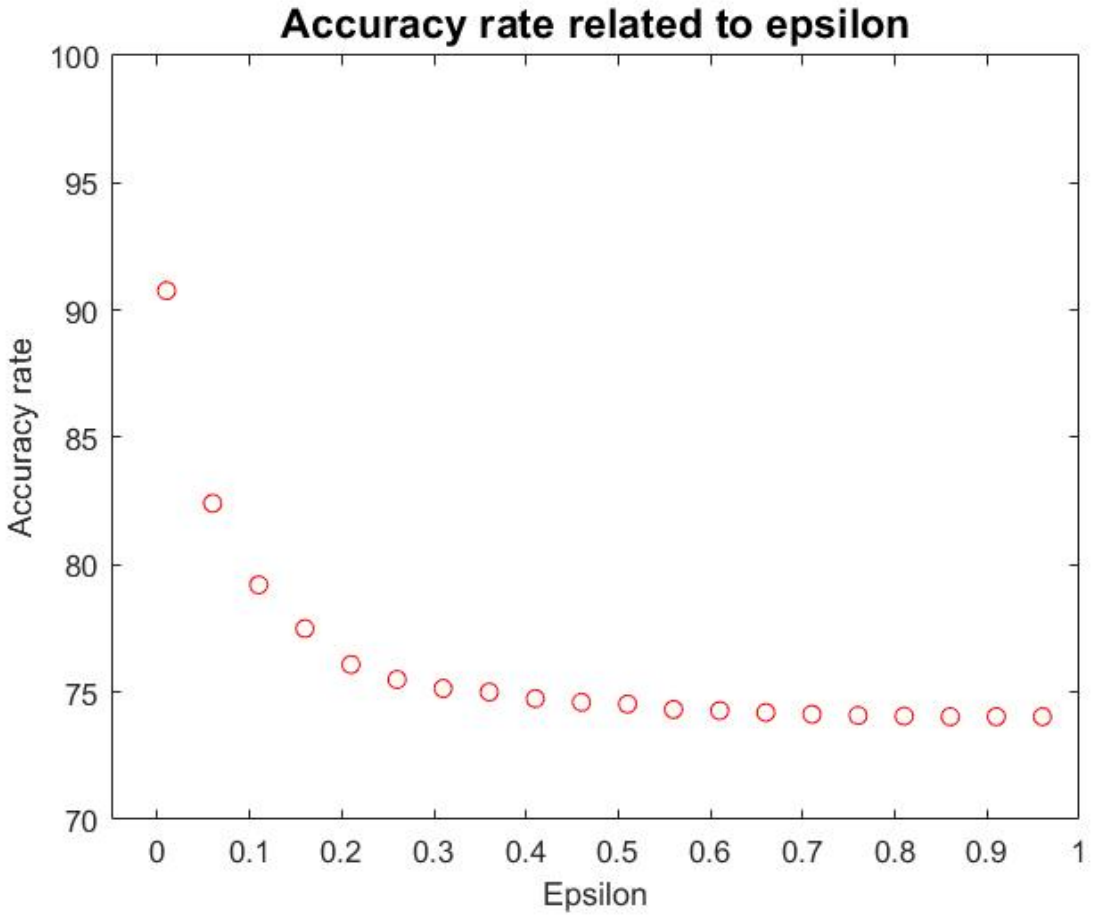


Task 1.4

c.

CovKind	1	2	3
Accuracy	90.77%	75.4%	90.72%

Task 1.5



The epsilon takes the following values: 0.01, 0.06, 0.11, 0.16, 0.21, 0.56, 0.31, 0.36, 0.41, 0.46, 0.51, 0.56, 0.61, 0.66, 0.71, 0.76, 0.81, 0.86, 0.91, 0.96.

It can be observed that the accuracy has a steep decrease as Epsilon increases between 0.01 and 0.2. Then it tends to become somewhat constant at around 75% accuracy.