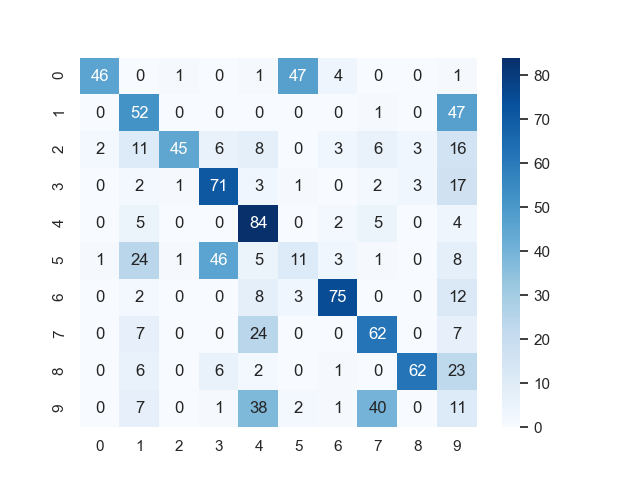
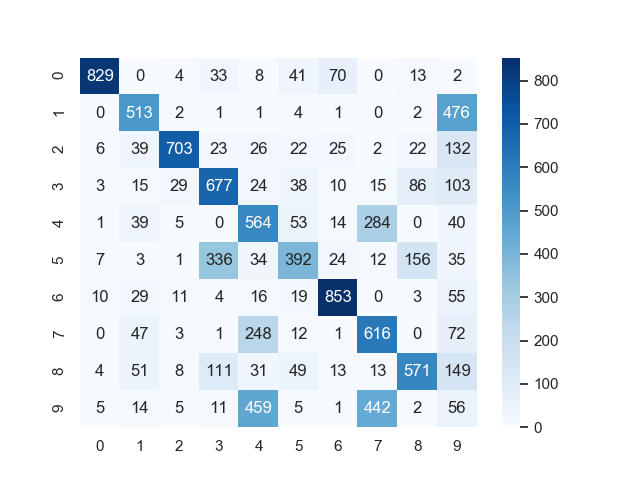
1. k-means



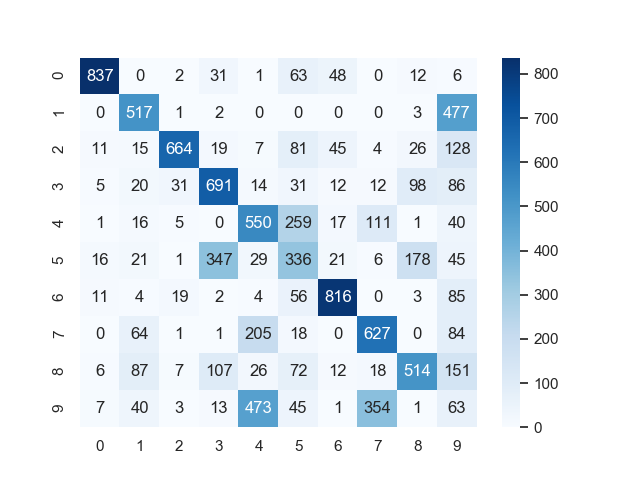
Accuracy: 0.519

2.

a. K-means with feature vectors from autoencoder (trained 20 epochs)

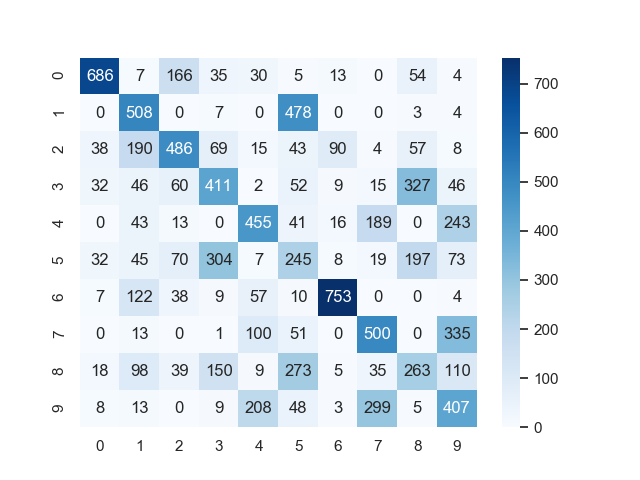
Accuracy = 0.5774

b. K-means with PCA using 10 PC’s.



Accuracy = 0.5615

k-means with PCA using 4 PC’s



Accuracy: 0.4714

3.

a.