CSE 847 (Spring 2019): Machine Learning— Homework 5

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1   K-Means

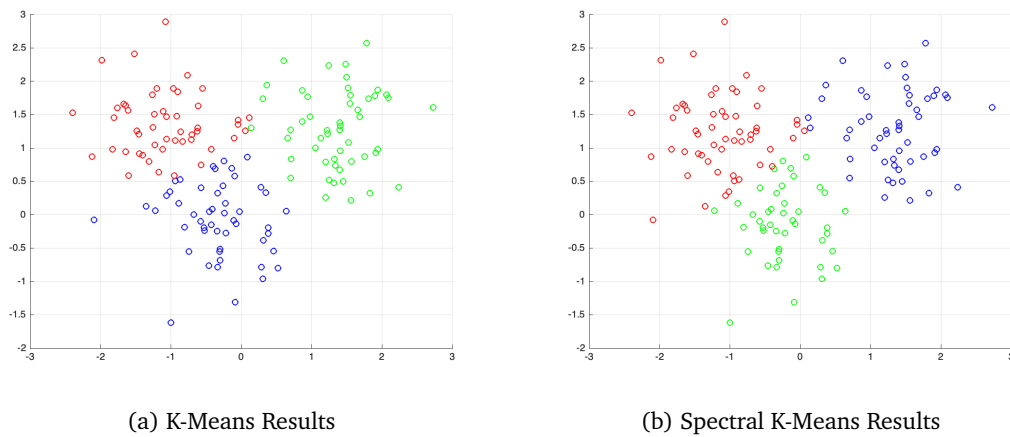(a) K-Means Results   (b) Spectral K-Means Results
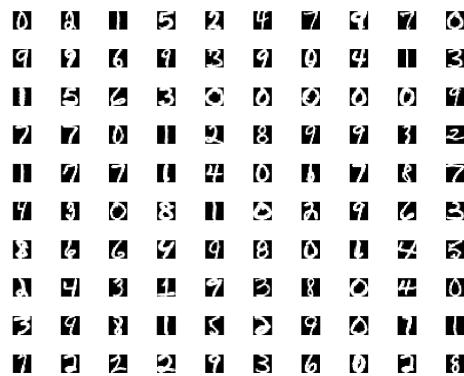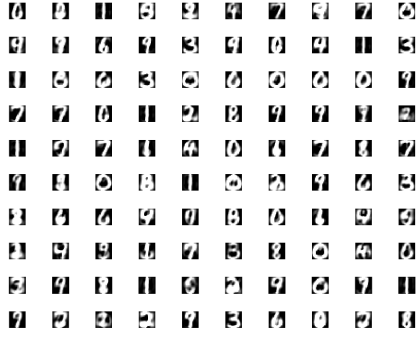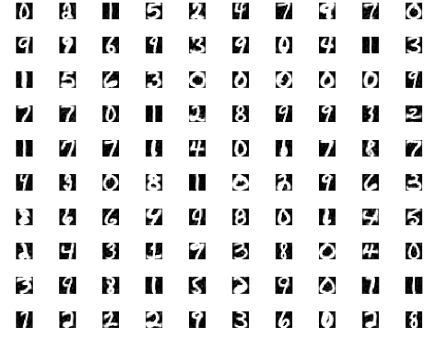
Figure 1: Clustering Visualization

2   PCA

Figure 2: Raw images
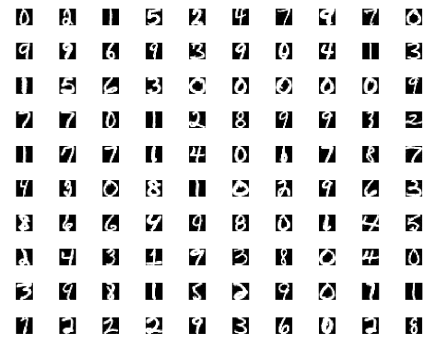
This is my link: Github.

(a) 10 Principle Components, MSE: 612.7

(b) 50 Principle Components, MSE: 160.5

(a) 10 Principle Components, MSE: 55.9

(b) 50 Principle Components, MSE: 5.4