

CS 274A Homework 5

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Due Date: Wednesday March 5th

K-means plots

Plots of Clusters

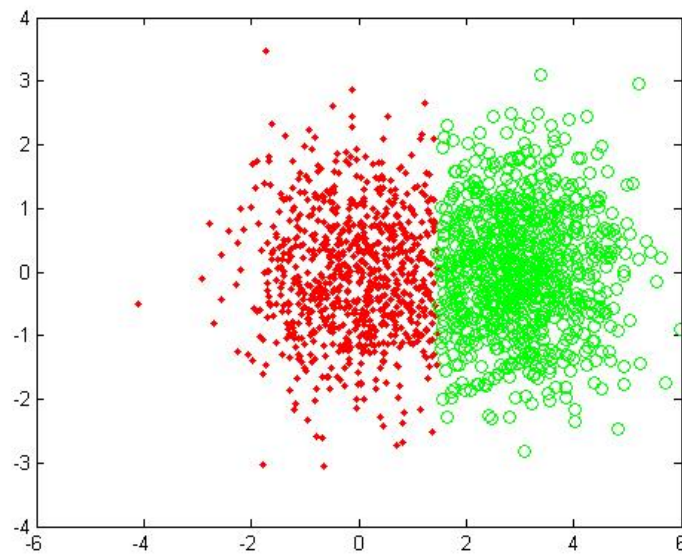


Figure 1: The k-Means plot for dataset1, $K=2$

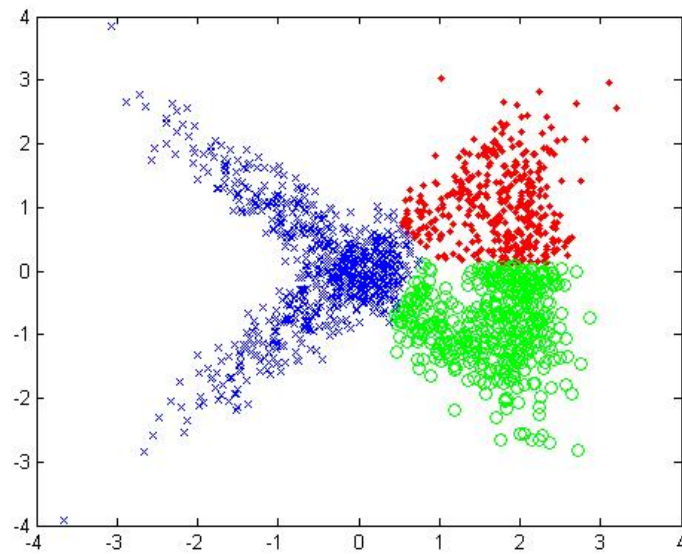
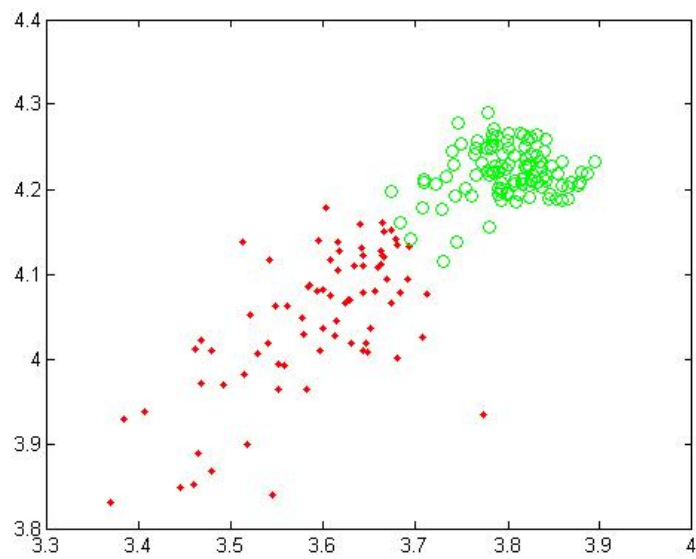
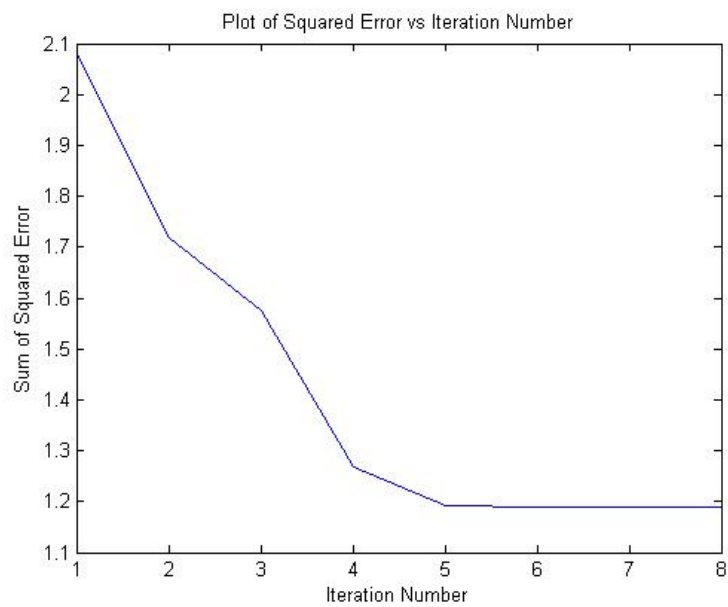
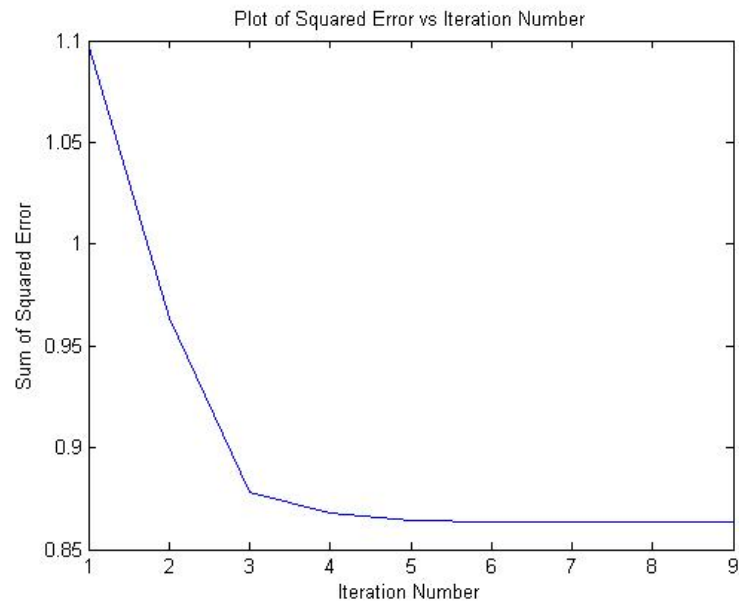
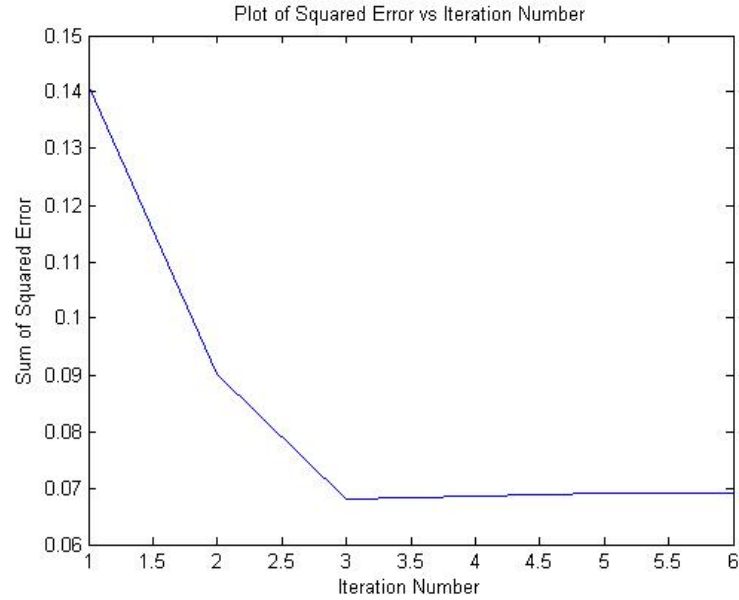


Figure 2: The k-Means plot for dataset2, $K=3$

Figure 3: The k-Means plot for dataset3, $K=2$

Plots of Sum of Squared Errors versus Iteration

Figure 4: The Sum of Squared Error plot for dataset1, $K=2$

Figure 5: The Sum of Squared Error plot for dataset2, $K=3$ Figure 6: The Sum of Squared Error plot for dataset3, $K=2$