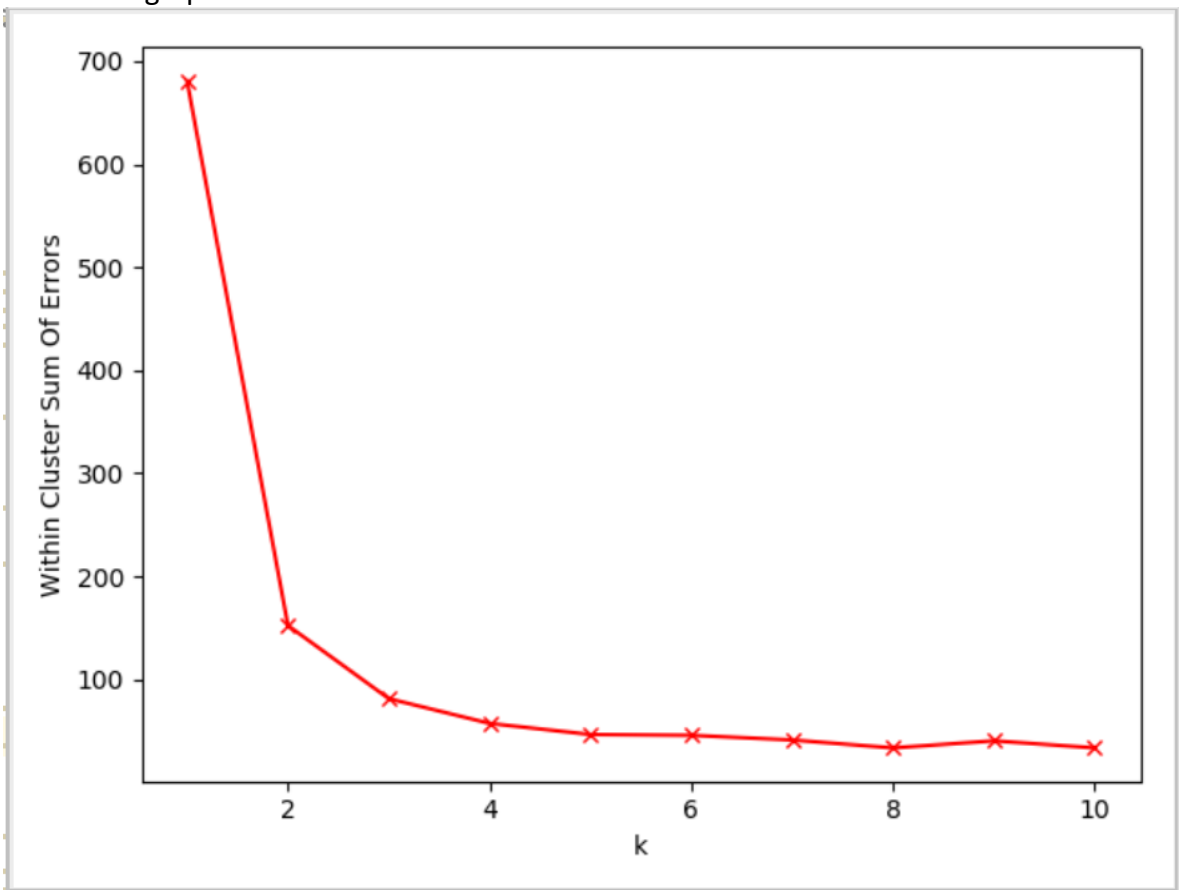
Assignment 3 – K-Means Clustering

- The task to be performed was to carry out K-Means clustering algorithm on the Iris dataset.

- Data: http://archive.ics.uci.edu/ml/machine-learning-databases/iris/iris.data

- The K = 3 was chosen on the basis of elbow method discussed here: https://www.linkedin.com/pulse/finding-optimal-number-clusters-k-means-through-elbow-asanka-perera/

- Here's the graph:



- We can observe that the elbow point is at K = 3, which gives us the optimal number of clusters. Hence, I chose K = 3.