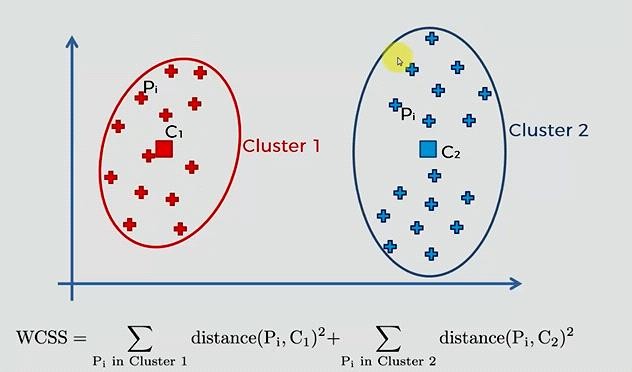
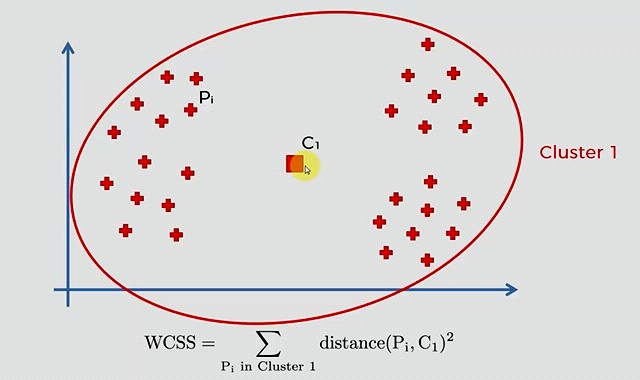
Clustering - K-Means

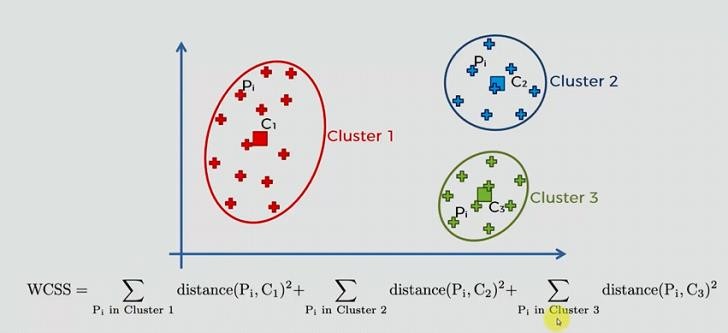
05 February 2018 21:06

K-Means Algorithm:

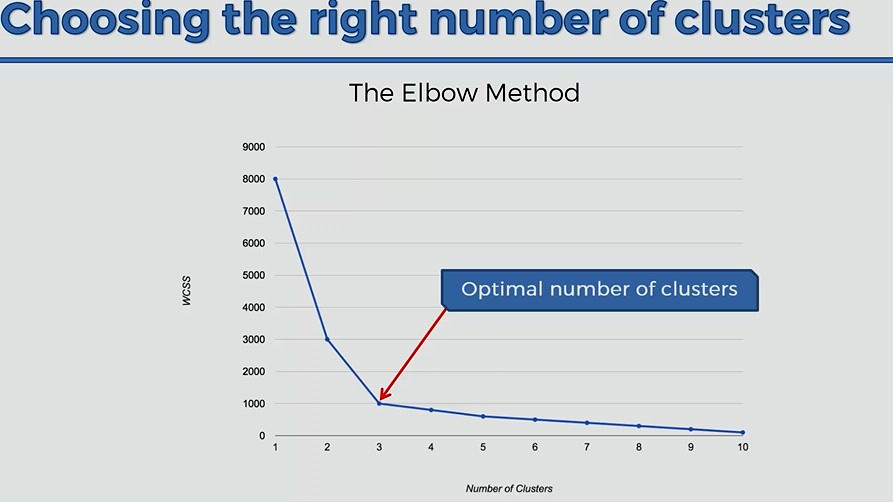
**Selecting Number of Clusters:**

Step: 1 Find WCSS(within cluster sum of squares)



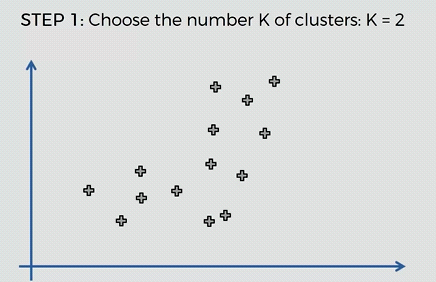


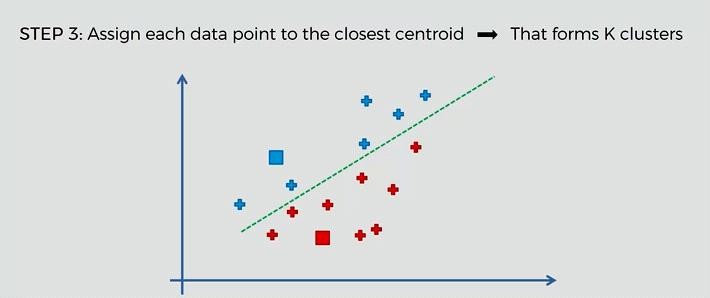
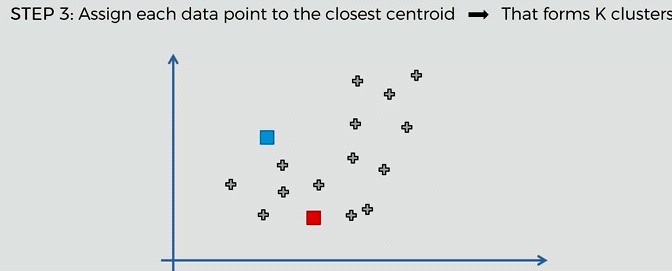
Plot WCSS against number of clusters.

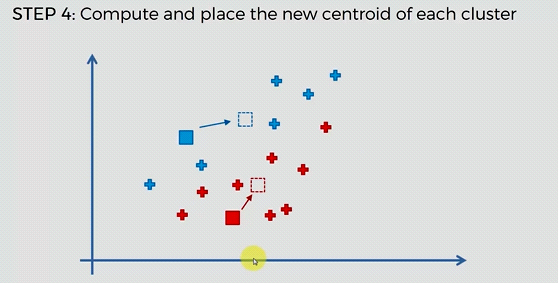


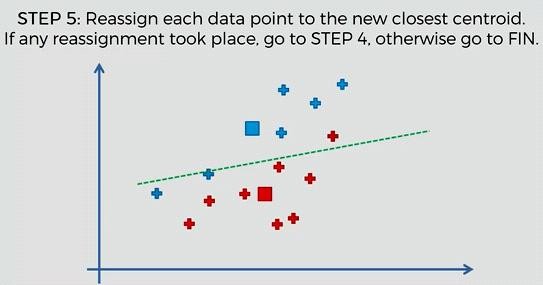
Algorithm:

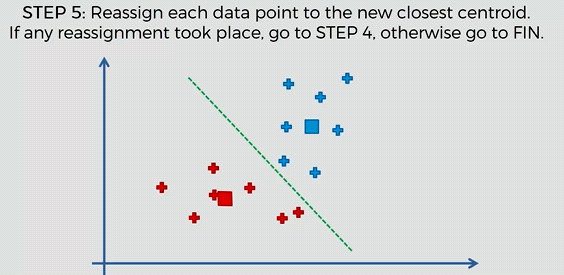
Step 2: Once number of clusters is found using L bow method, input this to kMeans++ algorithm.

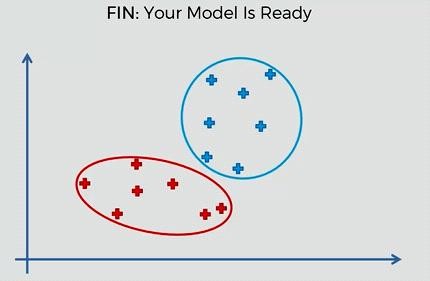












* 1. **eans: Random Initialization Trap**

