**K-Means Clustering :**

**Step1 :** Choose the number of clusters (K).

**Step 2 :** Random K points which are centroid of these clusters.(not necessarily from

dataset)

**Step 3 :** Assign each data point to the closest centroid ⇒ That forms K clusters

**Step 4 :** Compute and place the new centroid of each cluster

**Step 5 :** Reassign each data point to the new closest centroid. If any reassignment

took place go to step 4 , otherwise go to Finish.

**Finish :** Model is ready.