

K-means clustering [Unsupervised Learning]

Given N points and number K; group data into K clusters

- i) Initialize cluster centers Mj, j=1,..., k
- ii) Assign each data to a cluster that minimizes

  [M; -Xn]
- iii) Recalculate new cluster centers for each cluster.
- iii) Iterate step ii & iii until there is no changes in assignments or centers.