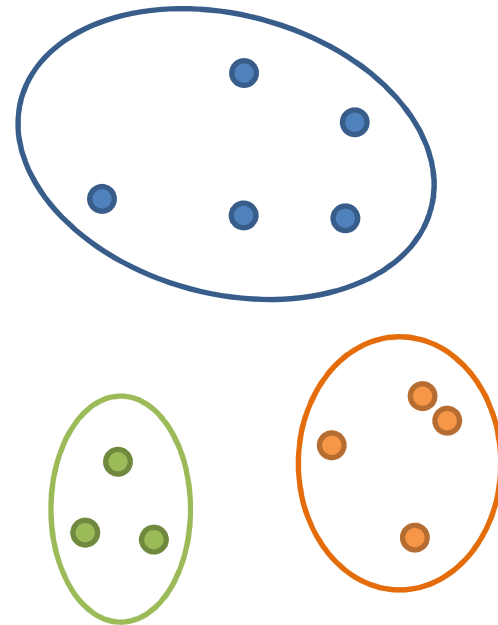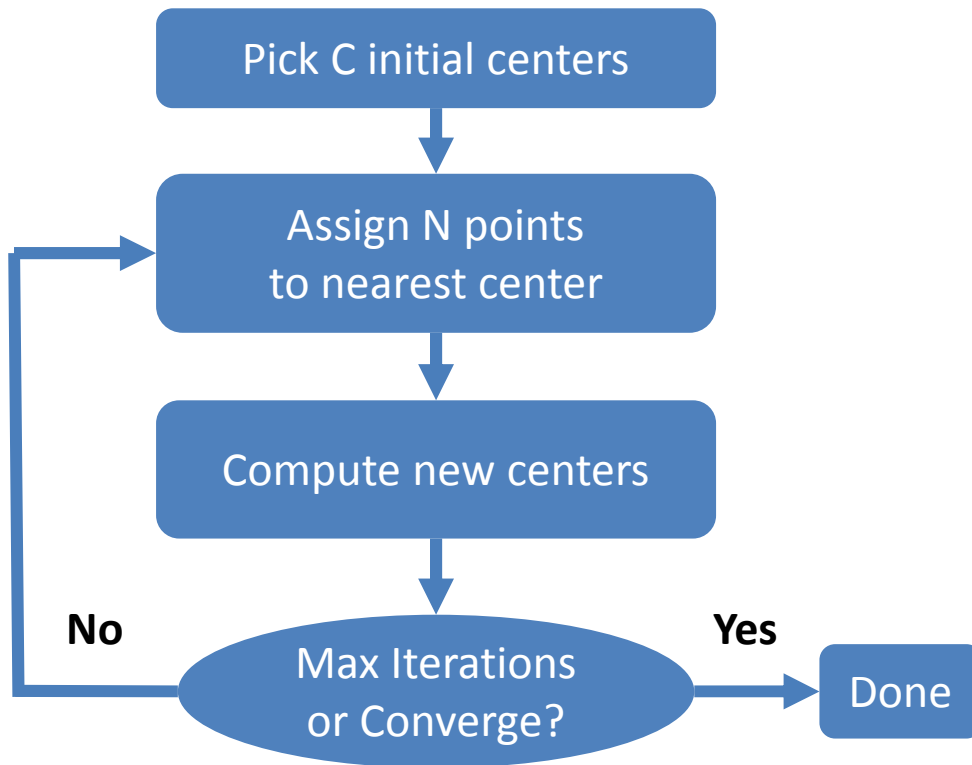# Cluster N points in D-dim space into C clusters

N = 12, C = 3, D = 2