Mohamad Nabih Alkhateeb

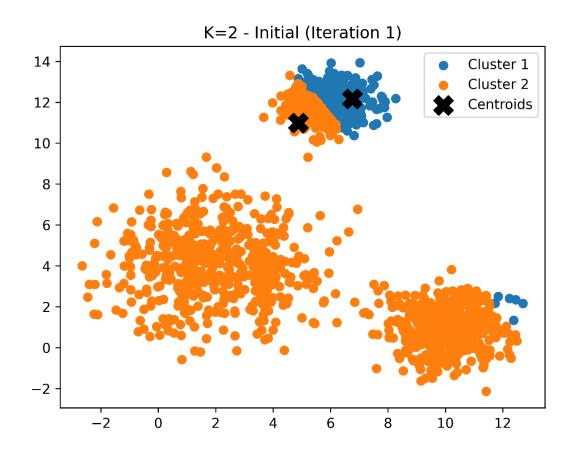
#1002170786

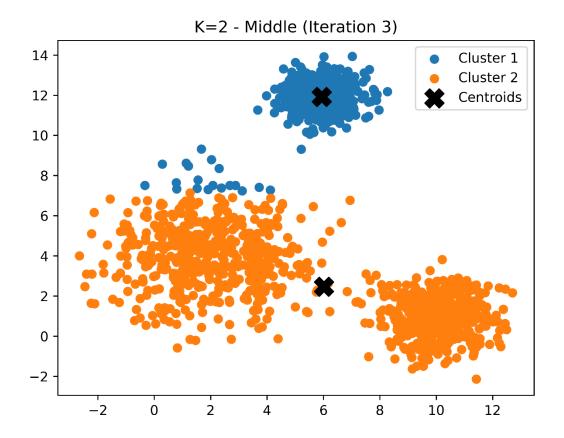
Visual outputs

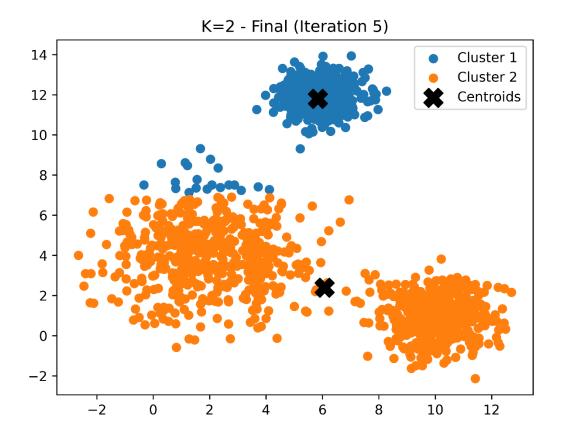
For KMeans.py:

For K = 2 (default):

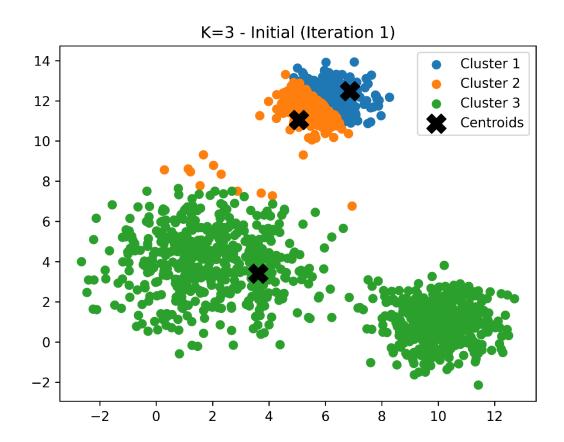
Initial Iteration:

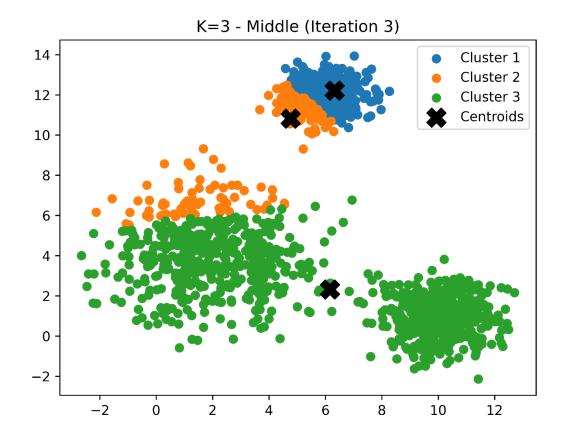


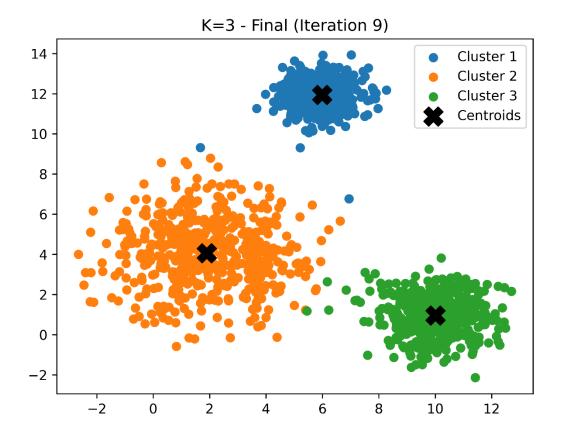




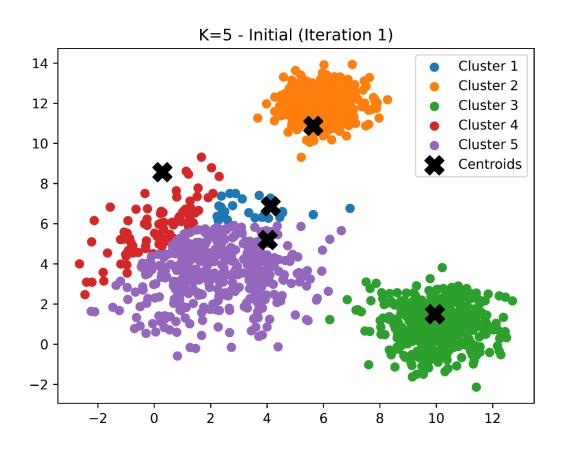
- For K = 3: Initial Iteration:

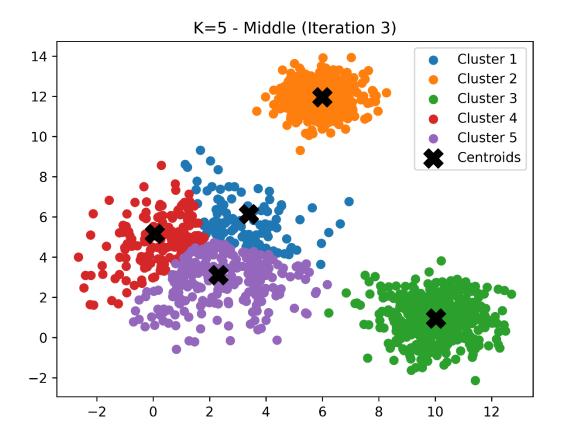


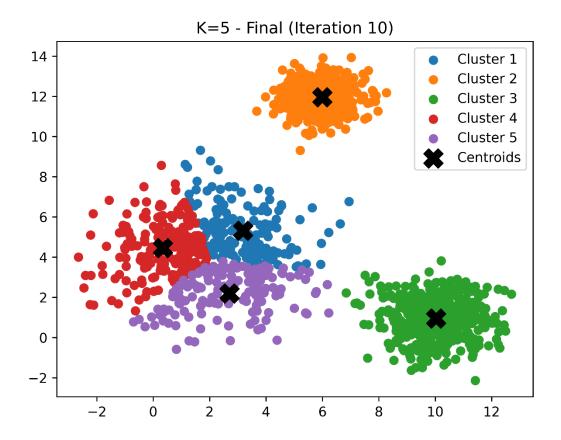




For K = 5: Initial Iteration:

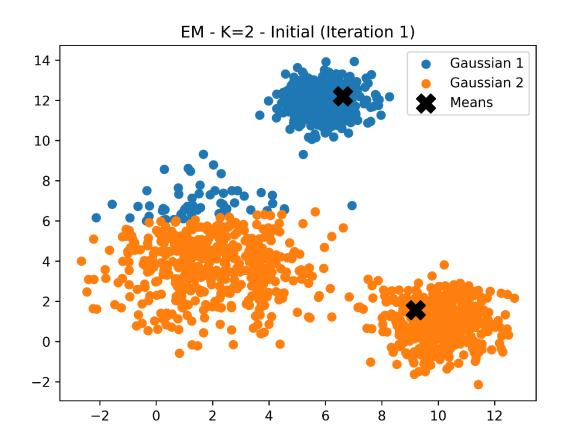


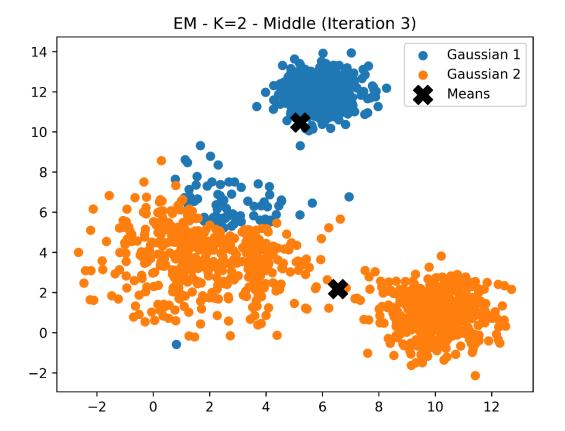


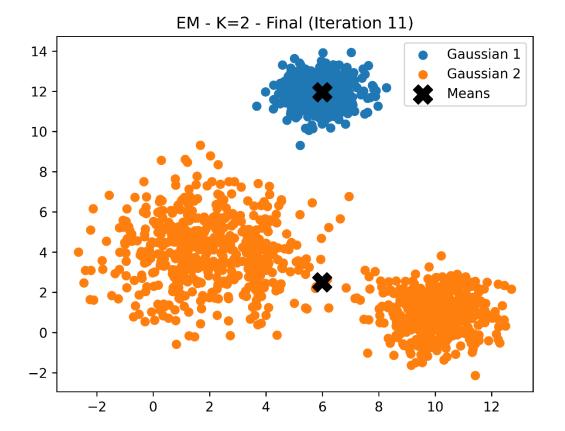


For EM.py: (Extra Credit)

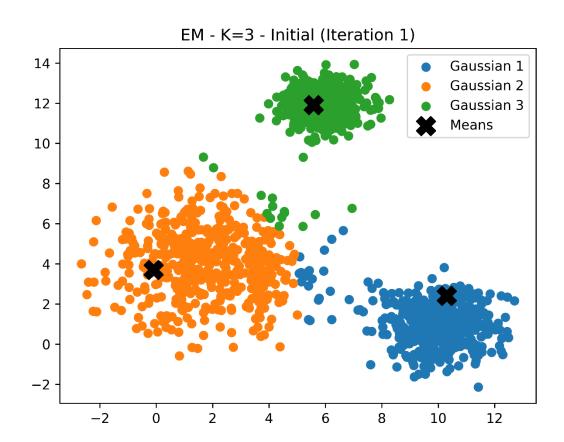
For K = 2 (default)Initial Iteration:



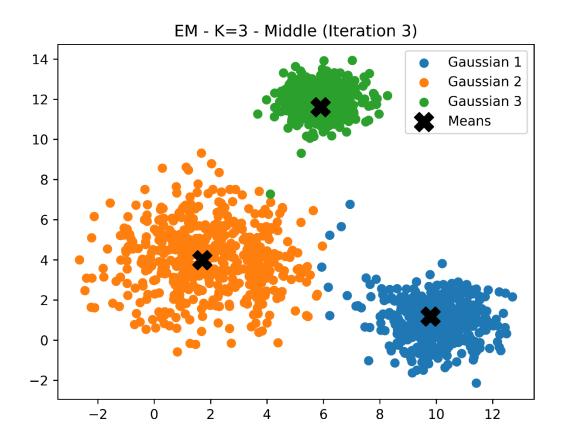


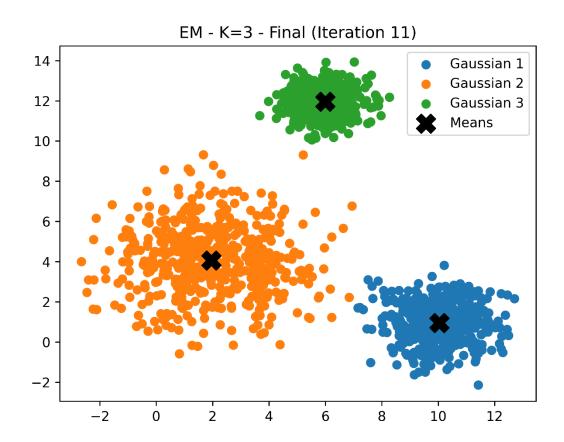


For K = 3:
Initial Iteration:



Medium Iteration:





For K = 5:
Initial Iteration:

