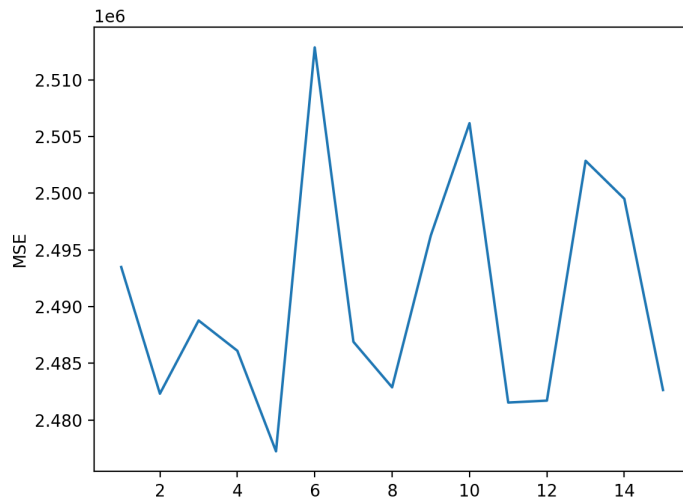


Lab 8

Angeline Chen

The purpose of the lab is to implement k-means clustering. First, the algorithm randomly initializes the centroids. Then, the algorithm recomputes cluster membership and recomputes the centroids until it converges. If the distance between the new centroid and the old centroid differs by some threshold, the algorithm converges.

MSEs



The optimal clustering has the minimum MSE.

Optimal Clustering MSEs

