

Hand-in Task 3 of Lab 02

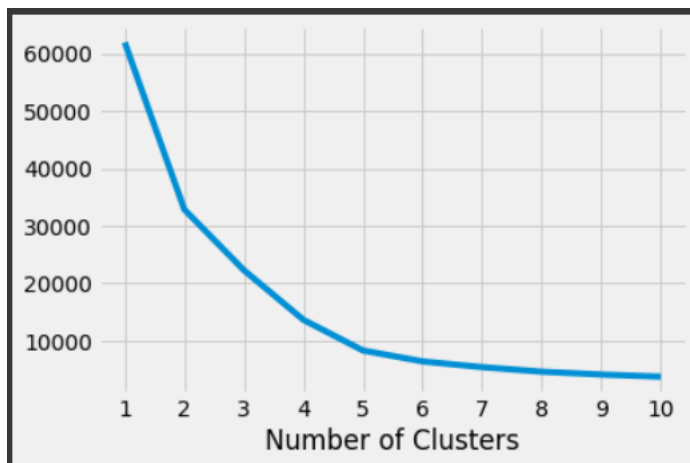
Original image:



Cluster verification:

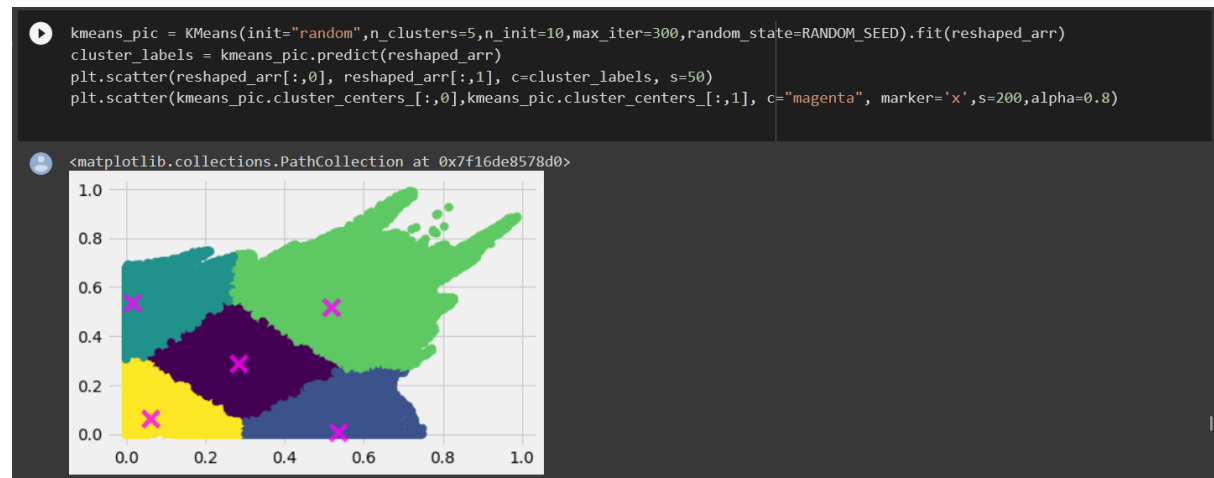
To verify what cluster amount makes most sense, I used the elbow method, since evaluating the silhouette score took too long to evaluate.

The elbow method resulted in the following graph:



Clustering Code:

Since the bend is at 5 clusters, I chose the same to run the kMeans algorithm, with the following code:



The final image is:

