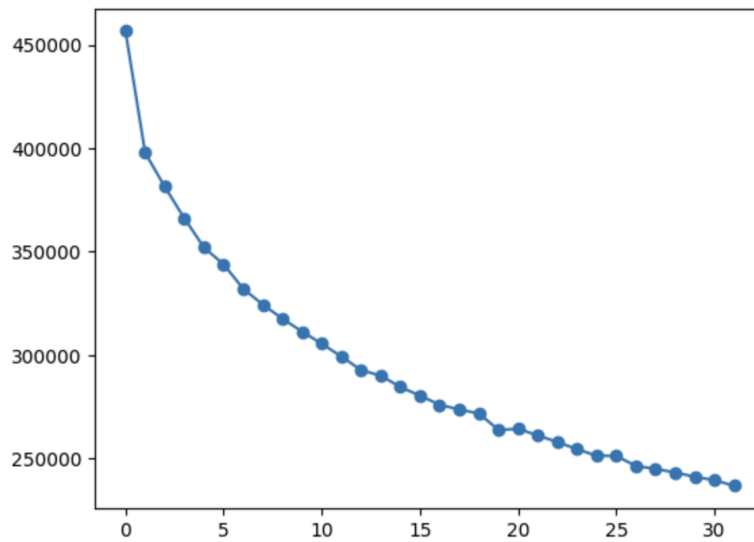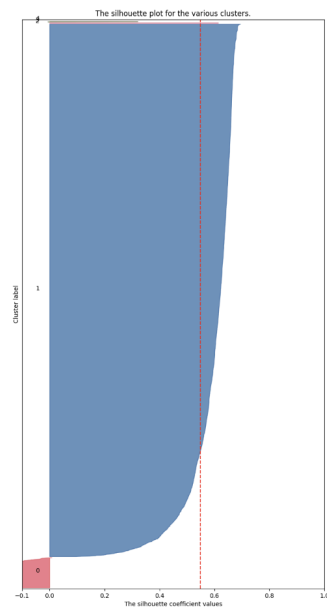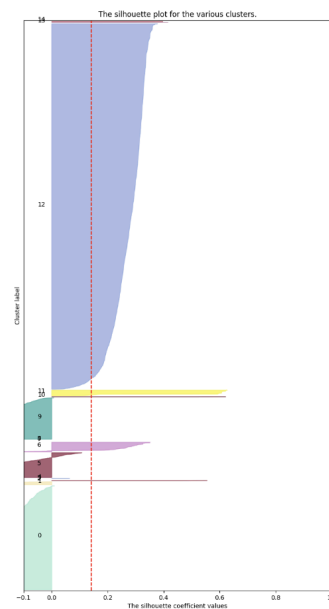## Final Assignment 3 - Plots and Clusters

In order to pinpoint the appropriate number of clusters, I used an elbow plot and ran the code with clusters ranging from 5 to 10, approximately where the "elbow" is. I also attempted to use silhouette plots, but they seemed to be less useful for this dataset. As you can see below, the plots are quite long, making it hard to discern proportions by visual inspection:

Ultimately, n=7 appeared to be the most appropriate number of clusters. The generated clusters can be viewed in full in my code.