

K-Mean:

Looking at the silhouette plots, it seems that when the cluster is 3 is when there's the best balance between cluster compactness and separation and as you increase the clusters, the cohesion decreases. The same findings happen whenever you're looking at the plots as well since $k=3$ offers the most distinct clusters while having good separation and as you increase the clusters, you start to get overlapping clusters.

DBScan:

This one was the hardest one to cluster with just two features, I experimented with all the features and was able to get more distinct and cluster. Along with that, this one took the most amount of tuning to get an acceptable. Especially since there was a fine line between having a good number of clusters along with ensuring that there wasn't a good amount of noise. However, I do appreciate the fact that this was able to differentiate between noise and valuable clusters. DBSCAN is able to find arbitrarily shaped clusters, whereas K-means tends to find spherical clusters.

Hierarchical:

I was able to generate 3 clusters but I had some trouble creation separation between the clusters since Cluster 1 (Red) and Cluster 3 (Blue) have some overlap so this may suggest that I need to play with the cluster techniques a bit more to create the distinction