

Clustering Report

Clustering Summary

- Number of Clusters Formed: 2
- Best DB Index: 0.7341
- Optimal Clustering Algorithm: KMeans

Clustering Metrics

Metrics for each cluster configuration:			
	n_clusters	DB Index	Silhouette Score
0	2	0.734116	0.486852
1	3	0.766243	0.423514
2	4	0.800097	0.399082
3	5	0.857229	0.391503
4	6	0.809618	0.388025
5	7	0.852772	0.394321
6	8	0.865023	0.391013
7	9	0.842076	0.393742
8	10	0.854999	0.381428

Evaluation

- DB Index was lowest for 2 clusters, indicating best clustering compactness and separation in this configuration.
- Silhouette Score for 2 clusters was 0.4869, which is relatively higher compared to other configurations.