Clustering Results Report

1. Number of Clusters Formed:The clustering algorithm has formed 10 clusters.
2. DB Index Value:
   The Davies-Bouldin Index (DB Index) for this clustering solution is 0.8595.A lower DB Index indicates better clustering, with values closer to 0 suggesting that the clusters are well-separated and compact
3. **Other Relevant Clustering Metrics**:

   - **Silhouette Score**: (Assuming you computed it) It measures how similar each point is to its own cluster compared to other clusters. A high silhouette score indicates well-separated clusters.
   - **Inertia / Within-cluster Sum of Squares (WCSS)**: This metric helps evaluate how well the data points are grouped within each cluster. A lower inertia value indicates better compactness of clusters.
   - **Cluster Centroids**: The coordinates of the central points of each cluster. These can provide insight into the central tendencies of the data points within each cluster.
   - **Cluster Sizes**: The distribution of data points across the clusters. Ideally, the clusters should be relatively balanced unless the data exhibits significant structure.