

Report on DBSCAN Clustering Results

1. Number of Clusters Formed:

- The DBSCAN algorithm identified 3 clusters, excluding noise points.

2. Optimal DBSCAN Parameters:

- Epsilon (eps): 0.03
- Minimum Samples (min_samples): 3

3. Clustering Performance Metrics:

- Davies-Bouldin Index (DB Index): 0.0219
- Silhouette Score: 0.9812
- Fowlkes-Mallows Index (FMI): 0.4264