Clustering Report: eCommerce Transactions Dataset

KMeans - Davies-Bouldin Index: 1.2090

Agglomerative - Davies-Bouldin Index: 1.2672

DBSCAN - Davies-Bouldin Index: 1.3430

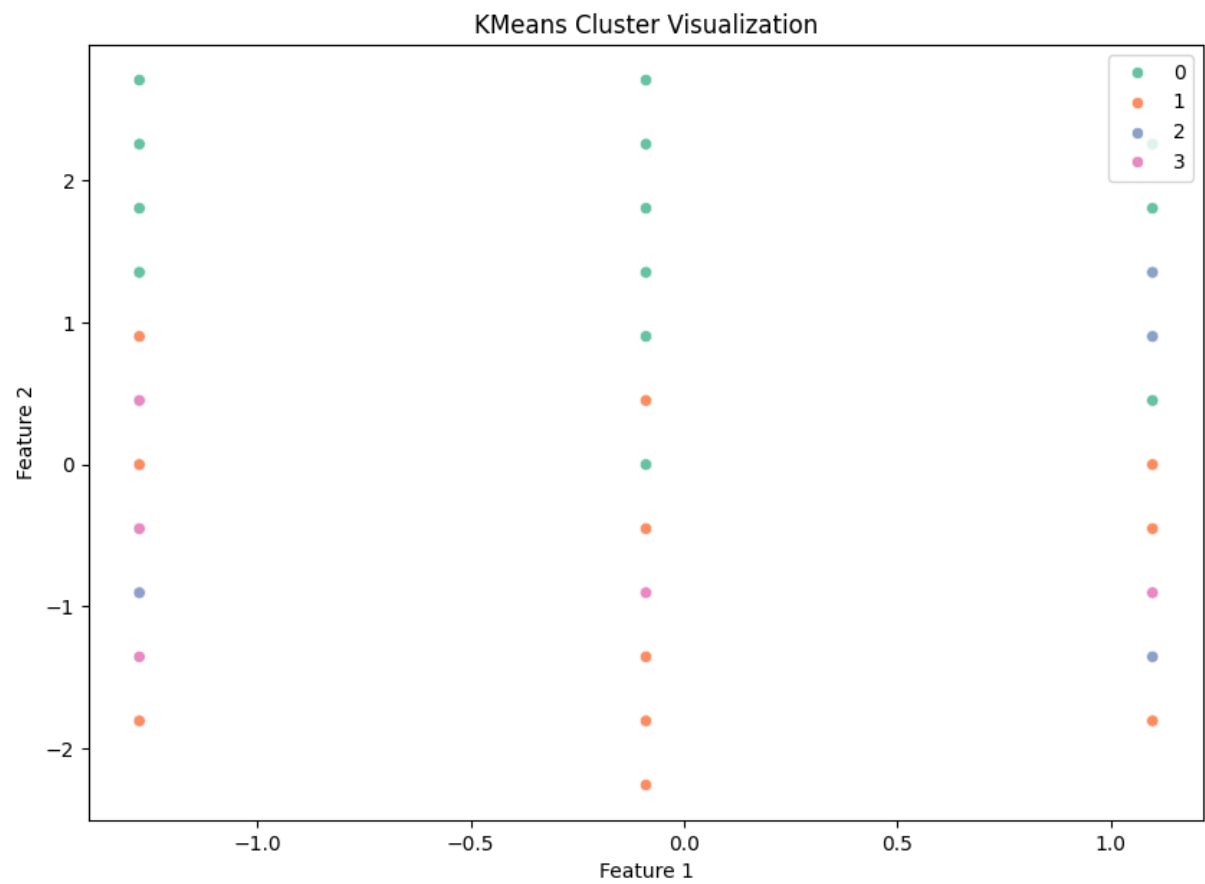Spectral - Davies-Bouldin Index: 1.6374

MeanShift - Davies-Bouldin Index: inf
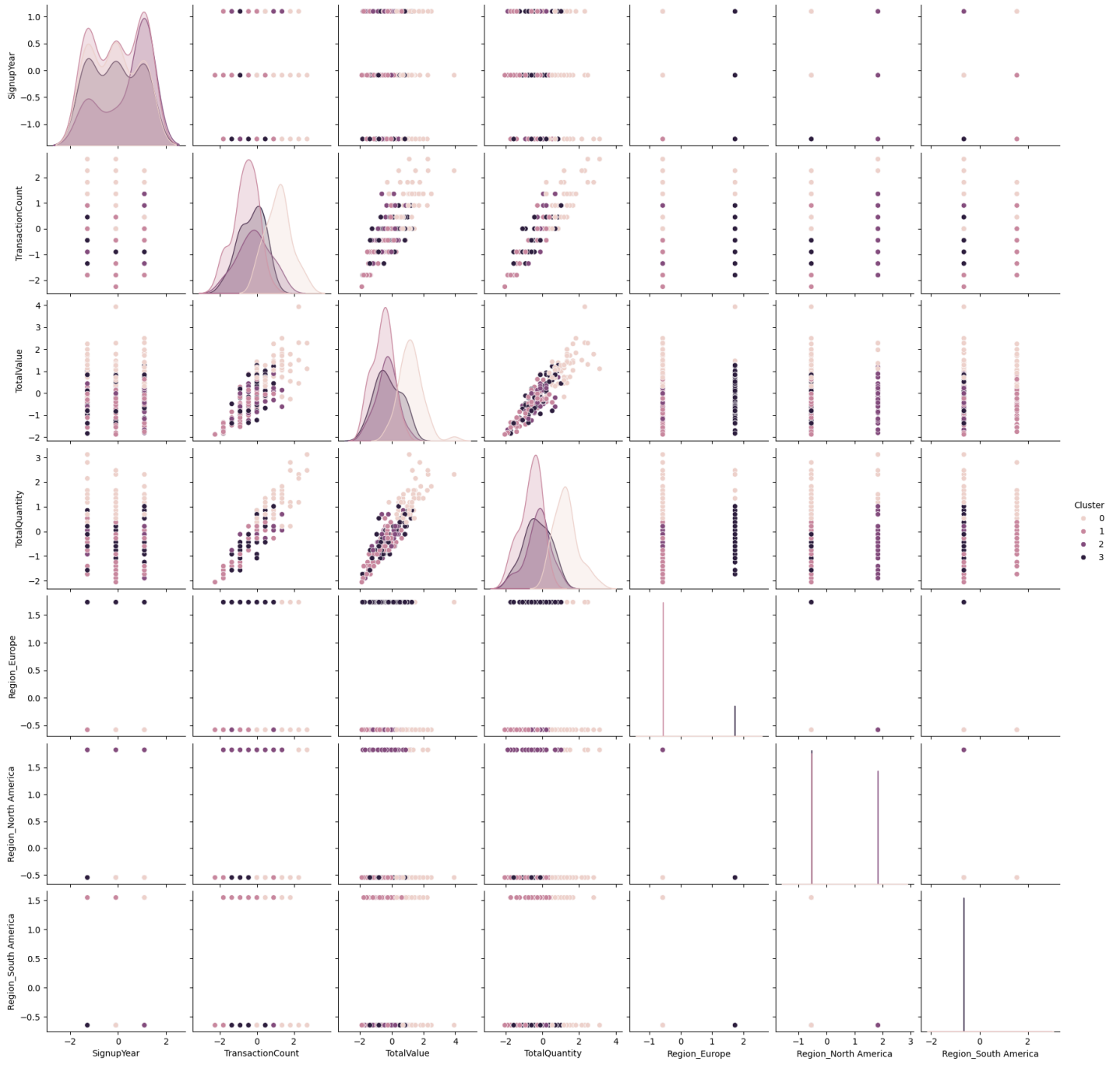
Birch - Davies-Bouldin Index: 1.2488

OPTICS - Davies-Bouldin Index: 1.5169
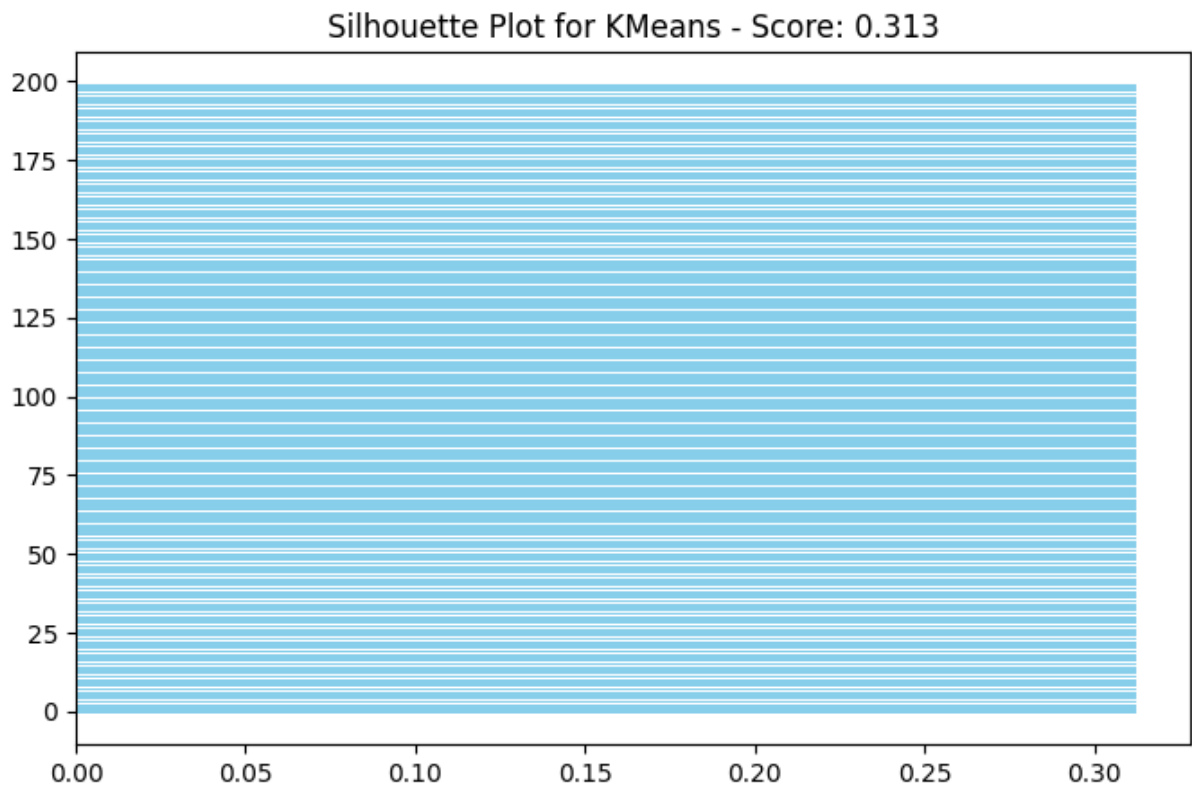
GaussianMixture - Davies-Bouldin Index: 1.3727
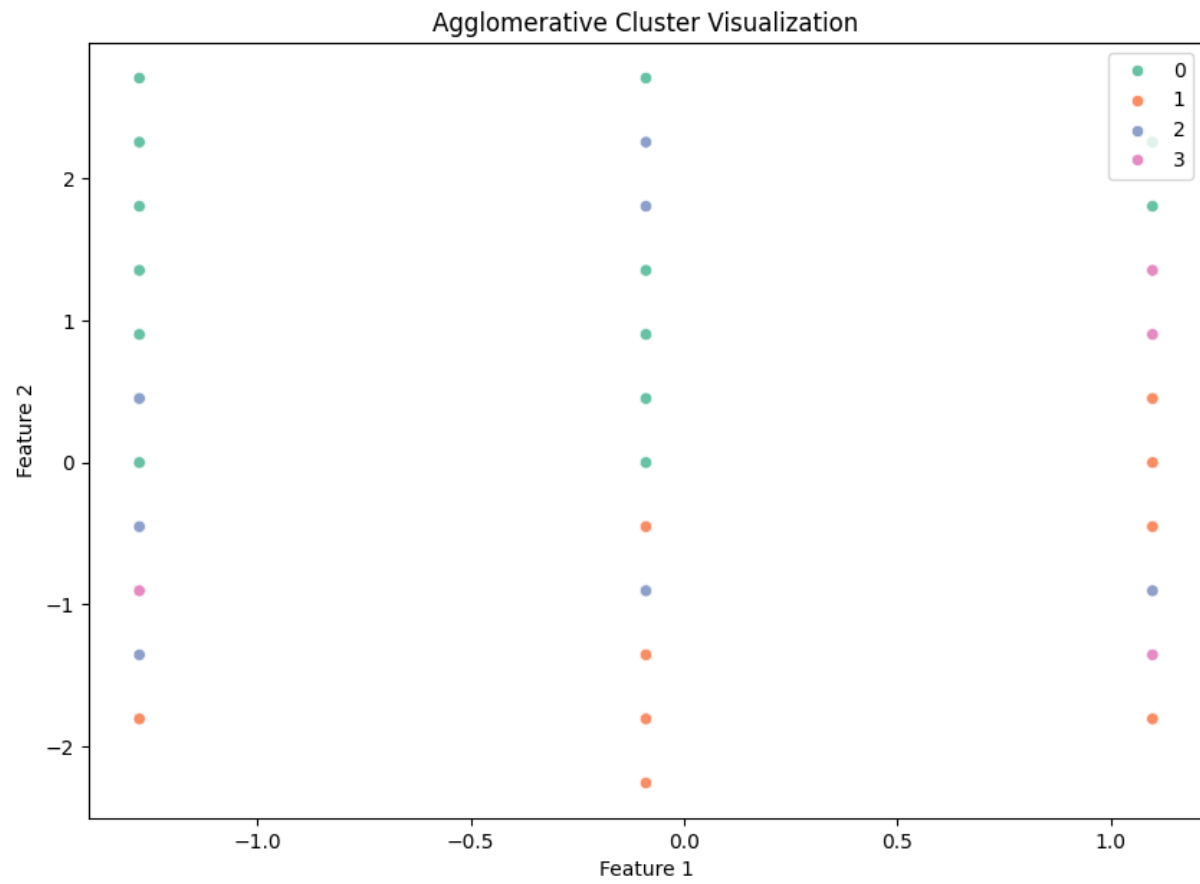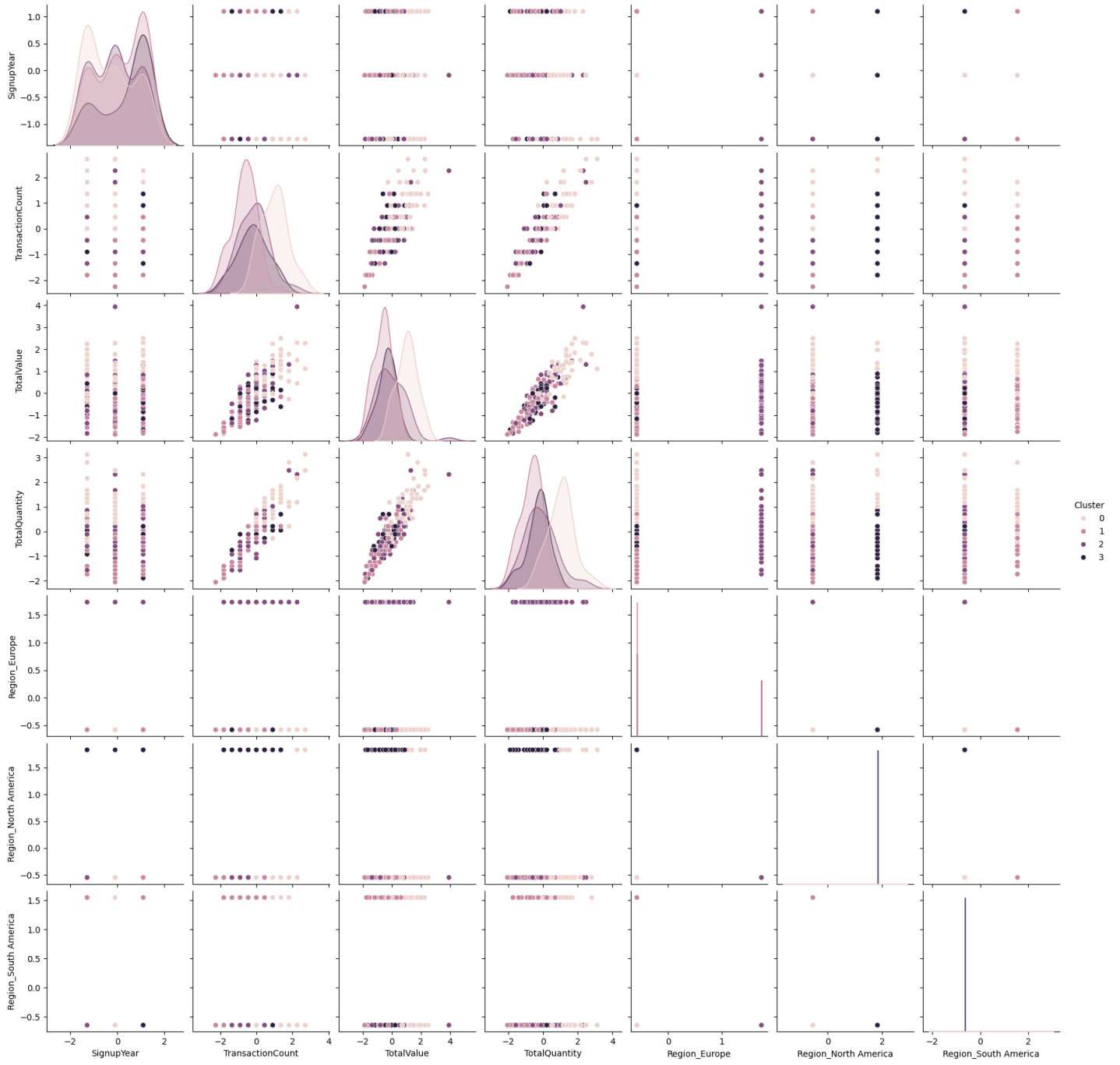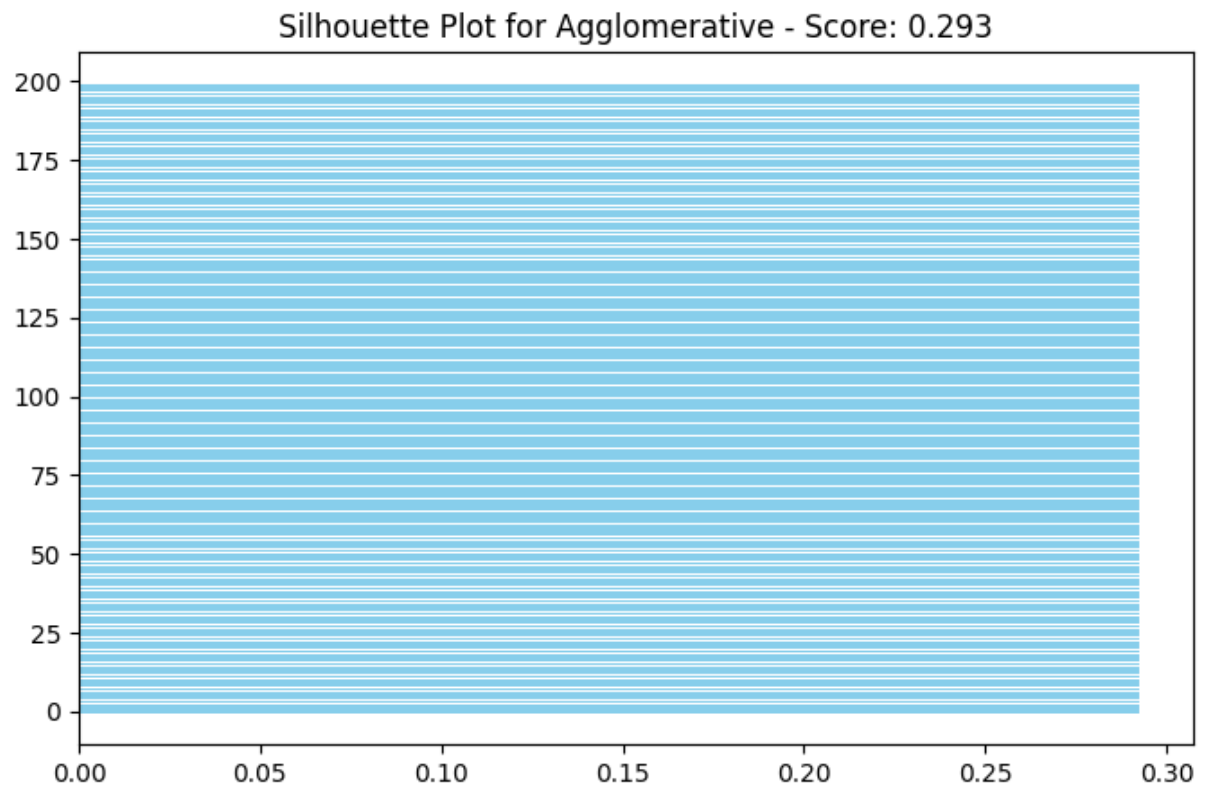
KMeans Cluster Visualization

KMeans Pairplot

Silhouette Plot for KMeans - Score: 0.313

Agglomerative Cluster Visualization

Agglomerative Pairplot

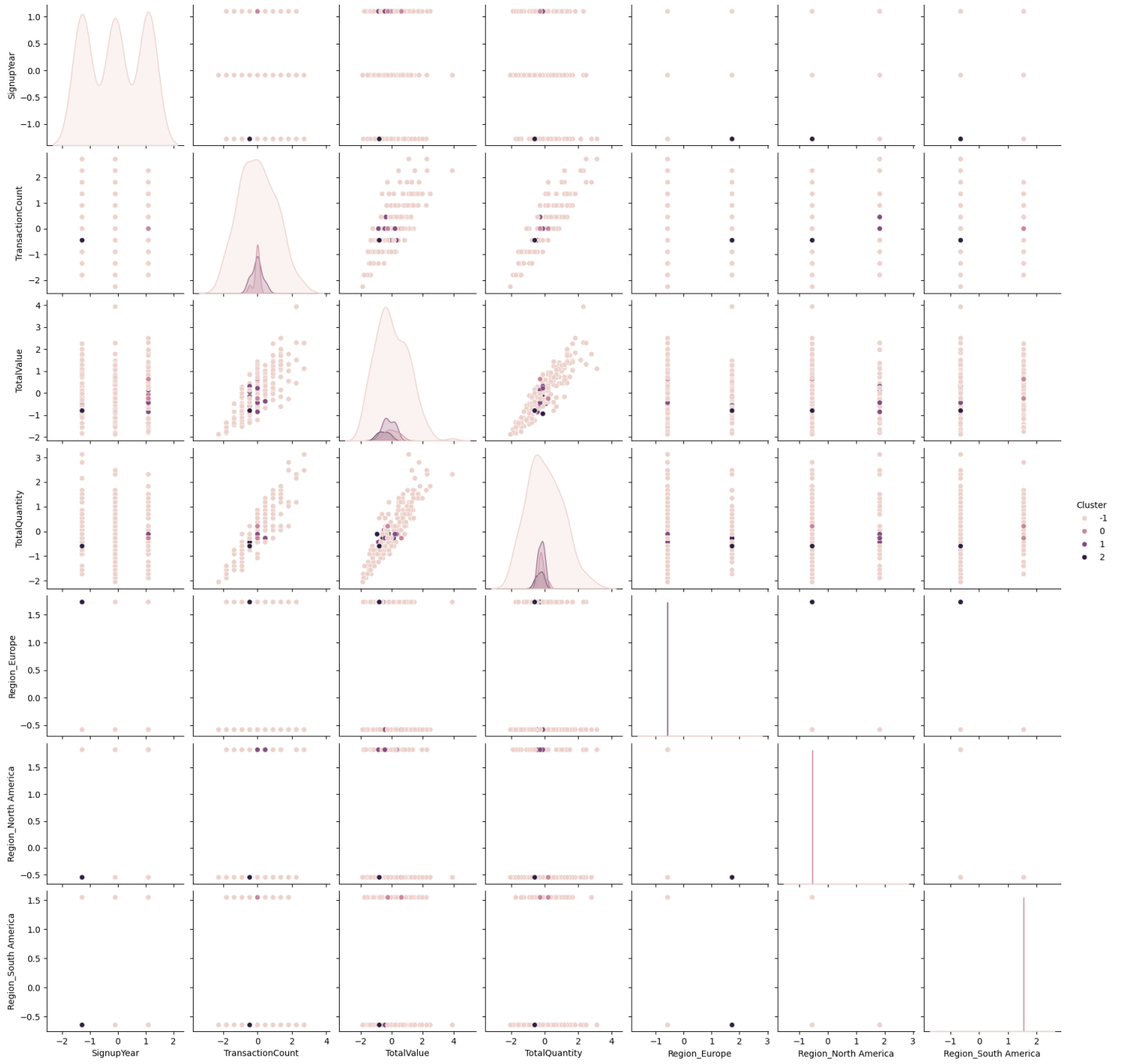Silhouette Plot for Agglomerative - Score: 0.293

Agglomerative Dendrogram

Dendrogram for Agglomerative
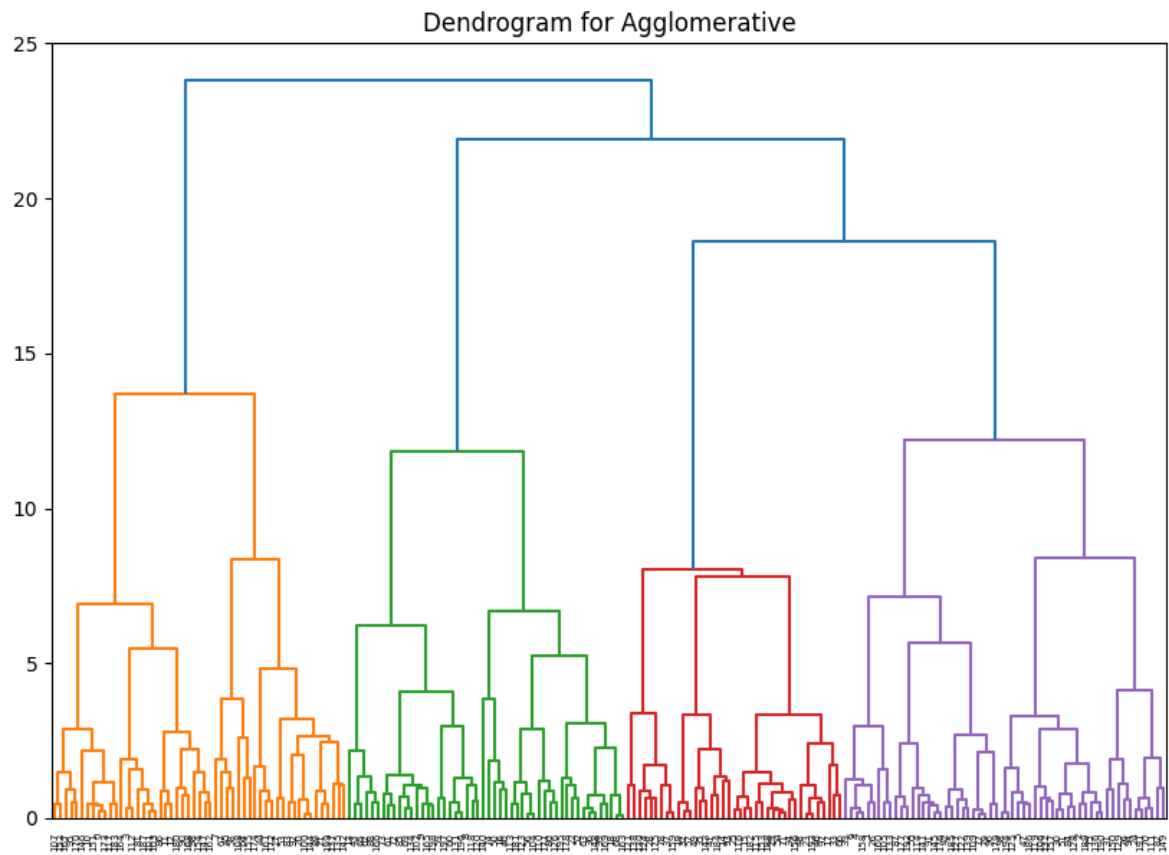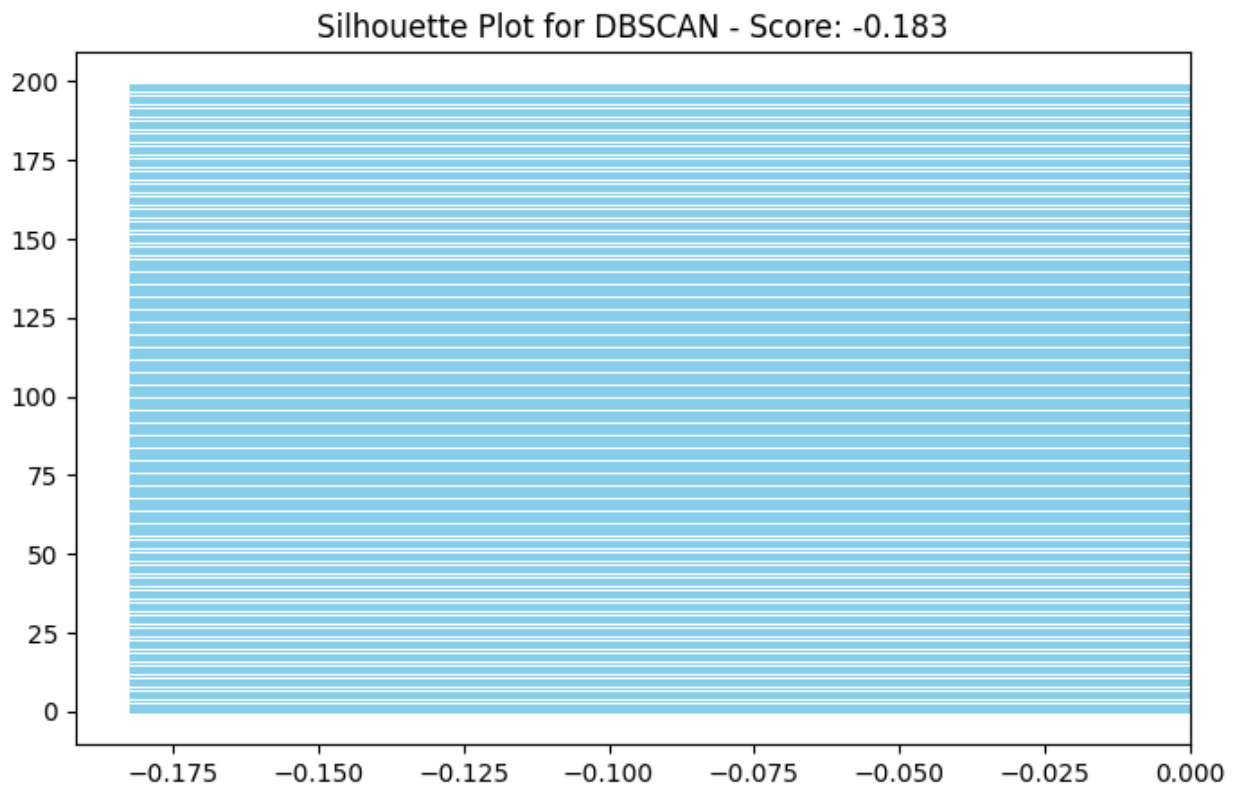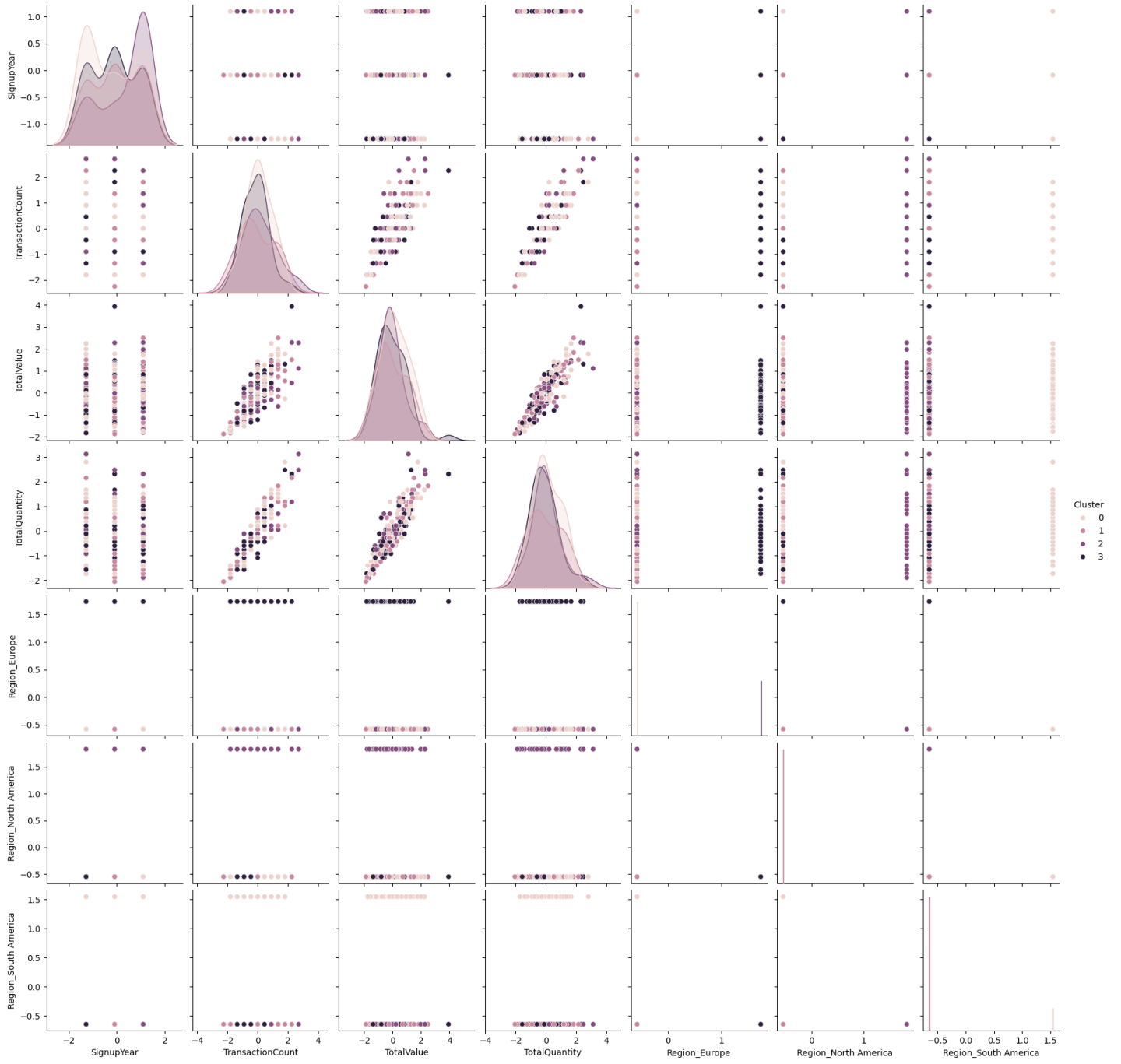
DBSCAN Cluster Visualization

DBSCAN Pairplot

Silhouette Plot for DBSCAN - Score: -0.183
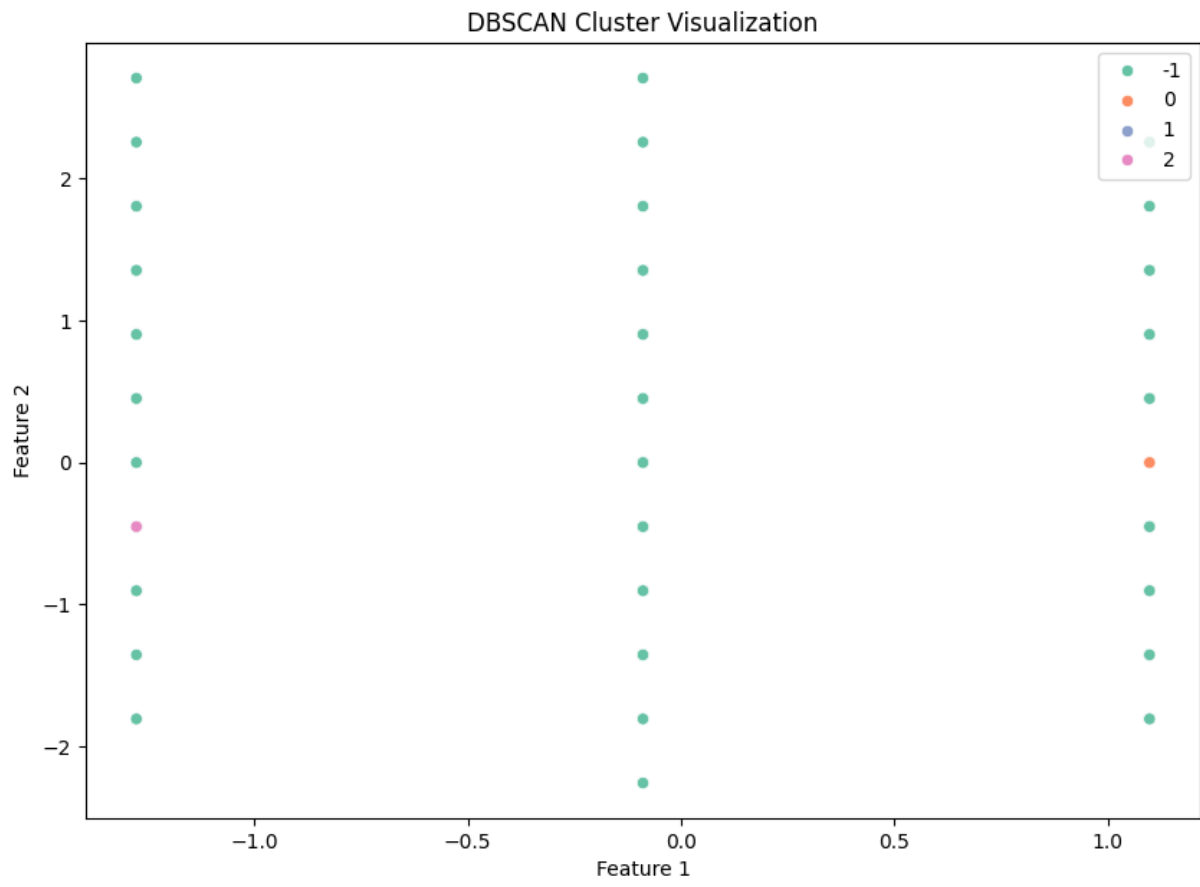
Spectral Cluster Visualization
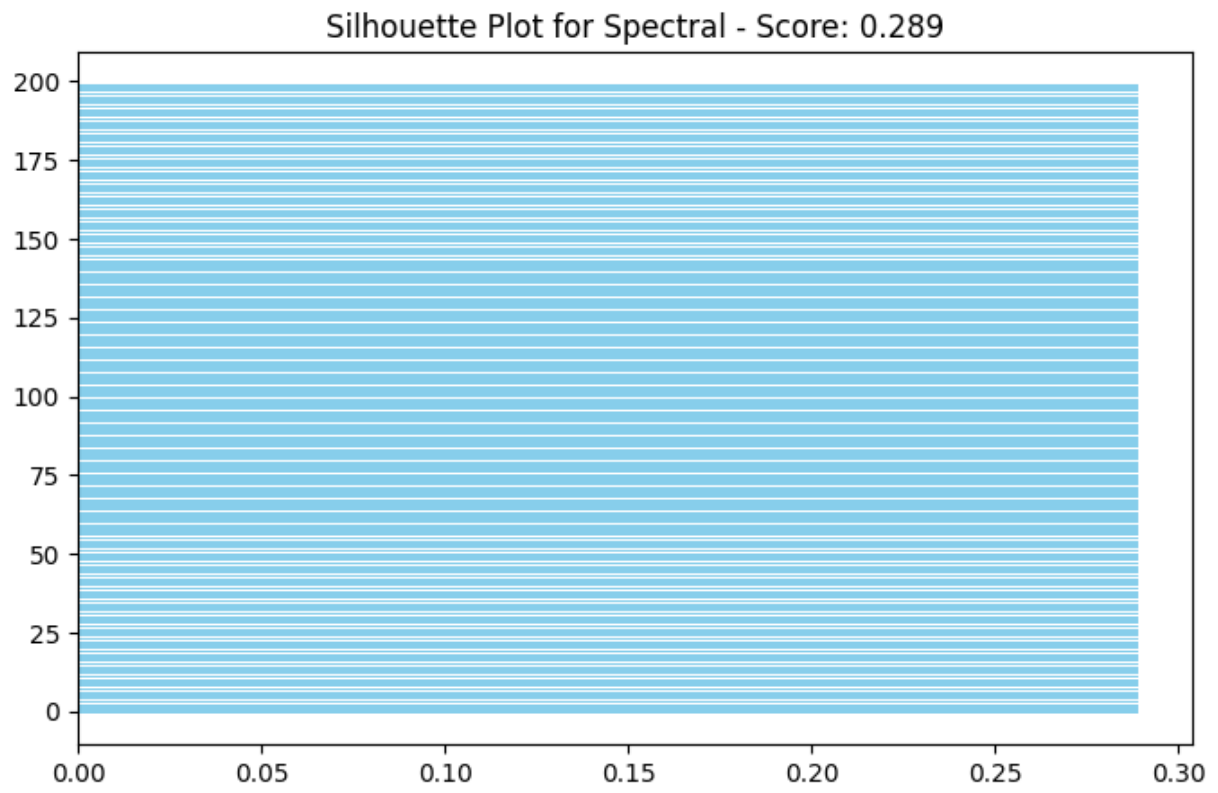

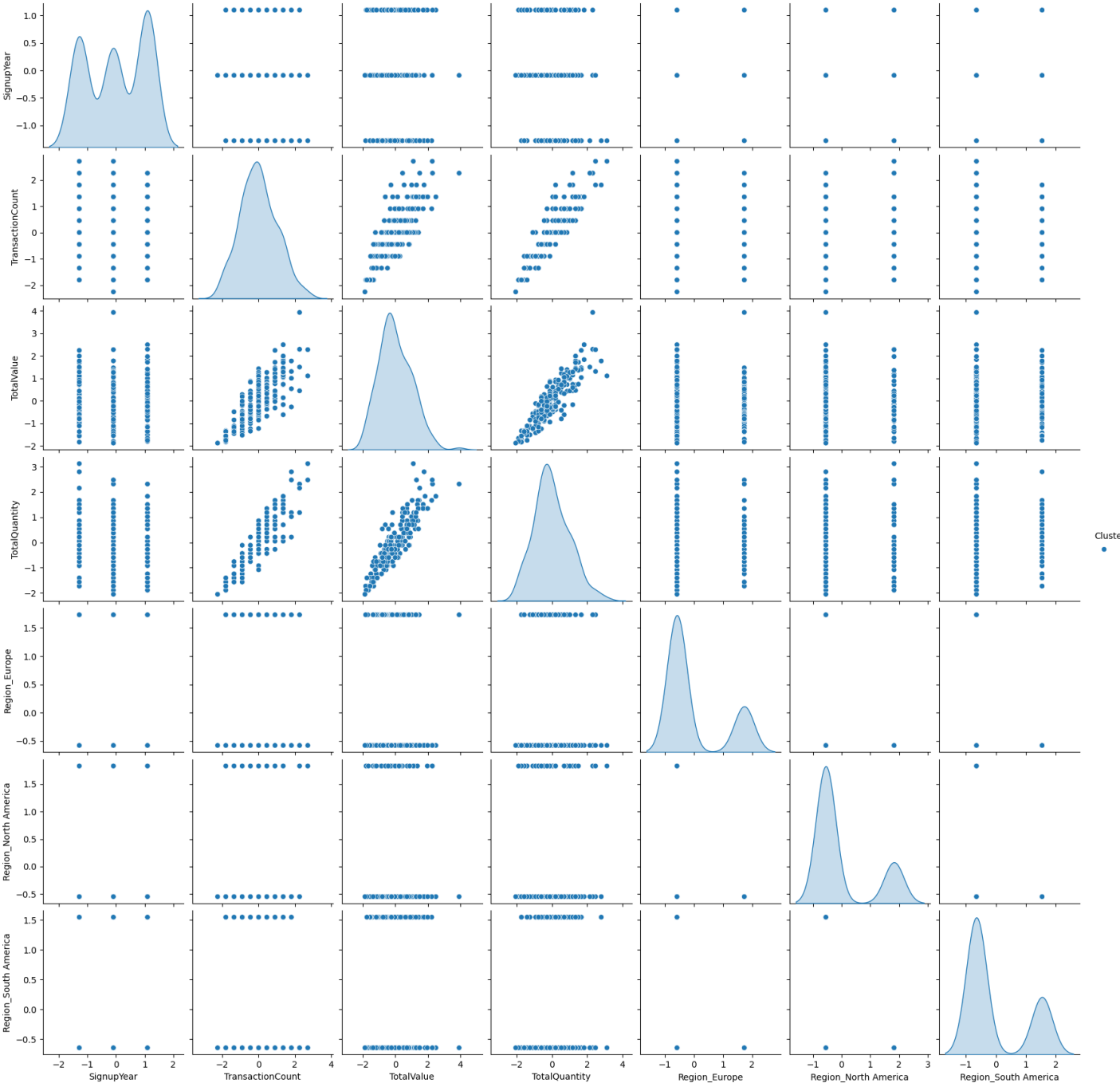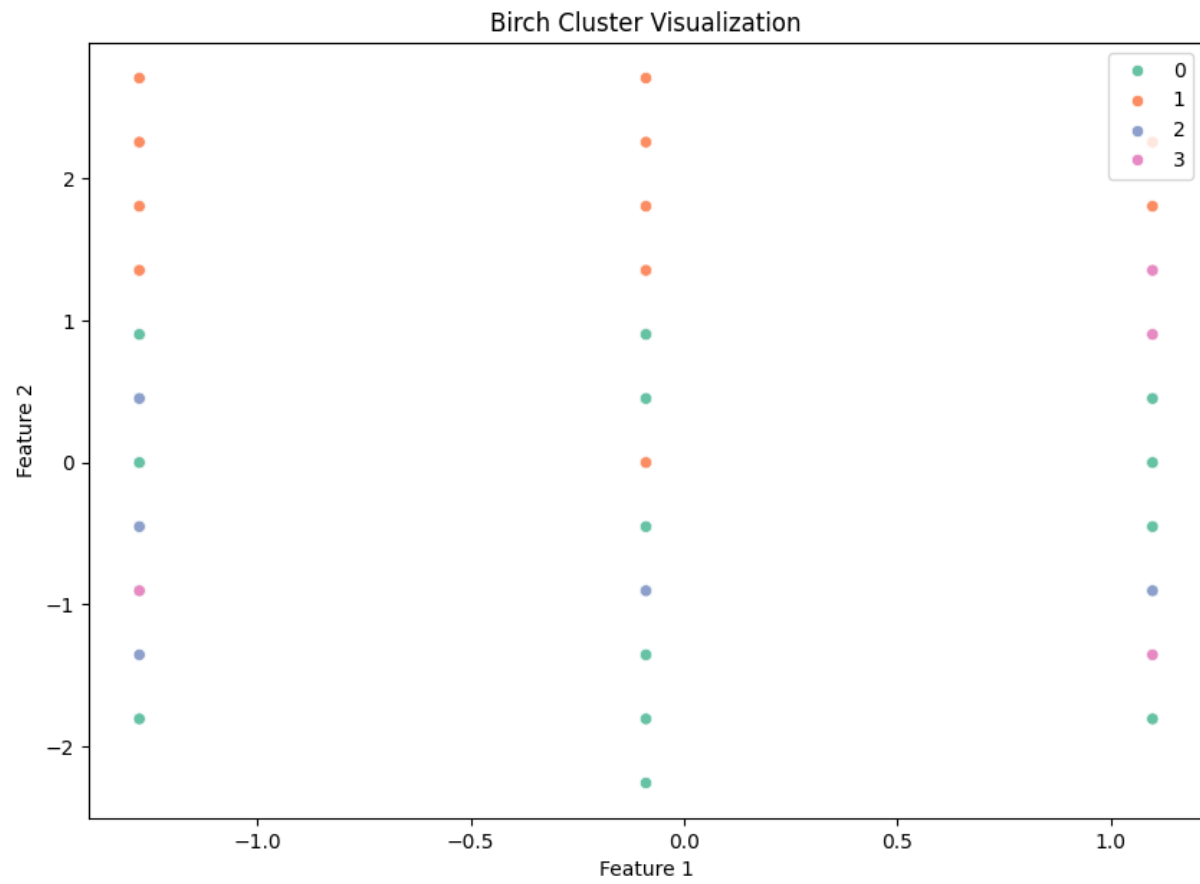Spectral Cluster Visualization
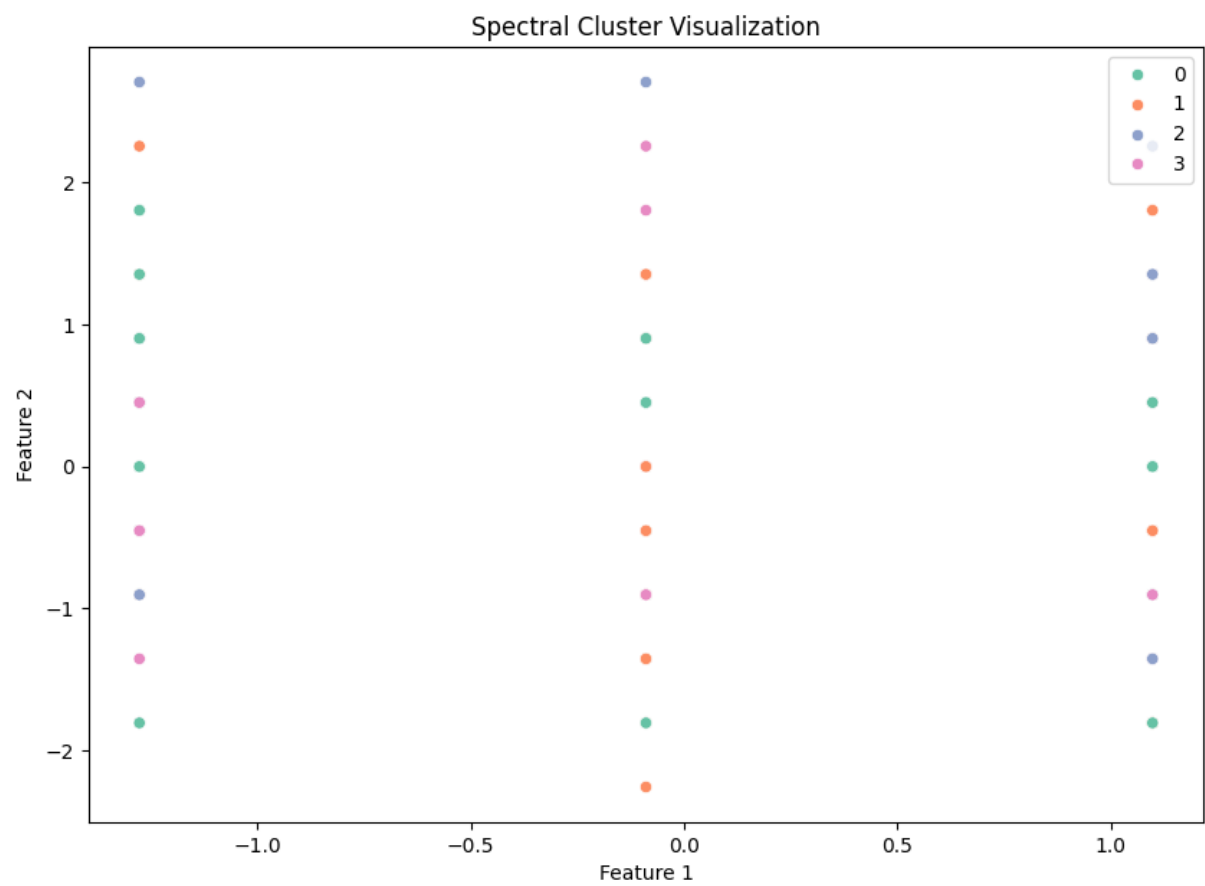
Spectral Pairplot

Silhouette Plot for Spectral - Score: 0.289
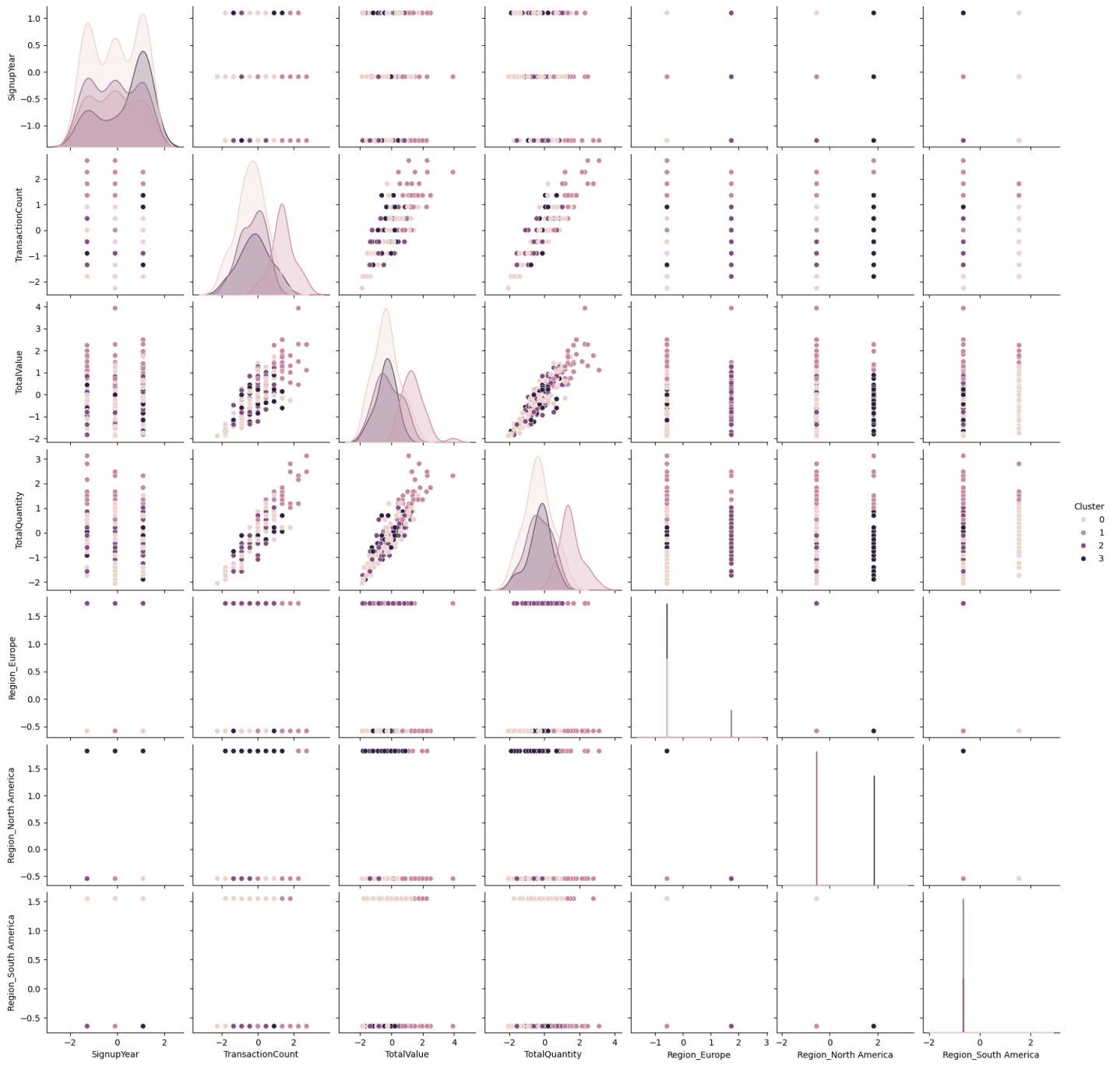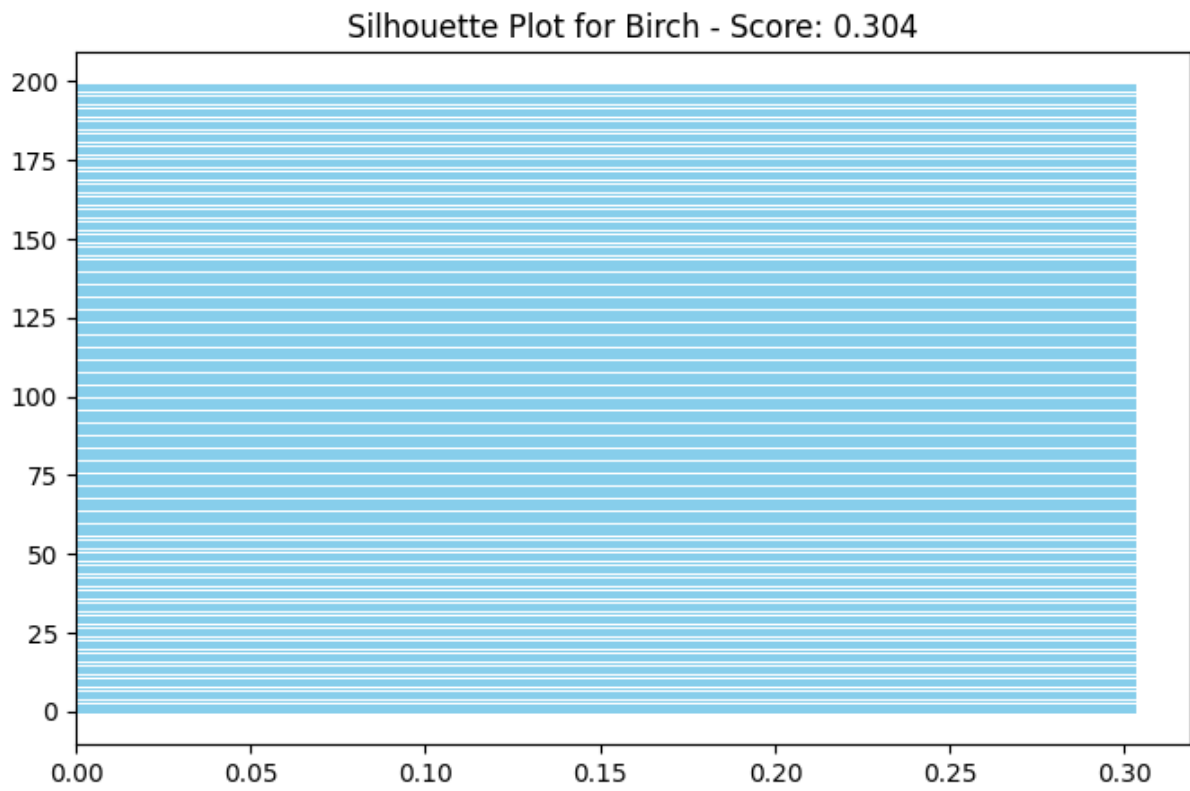
MeanShift Cluster Visualization
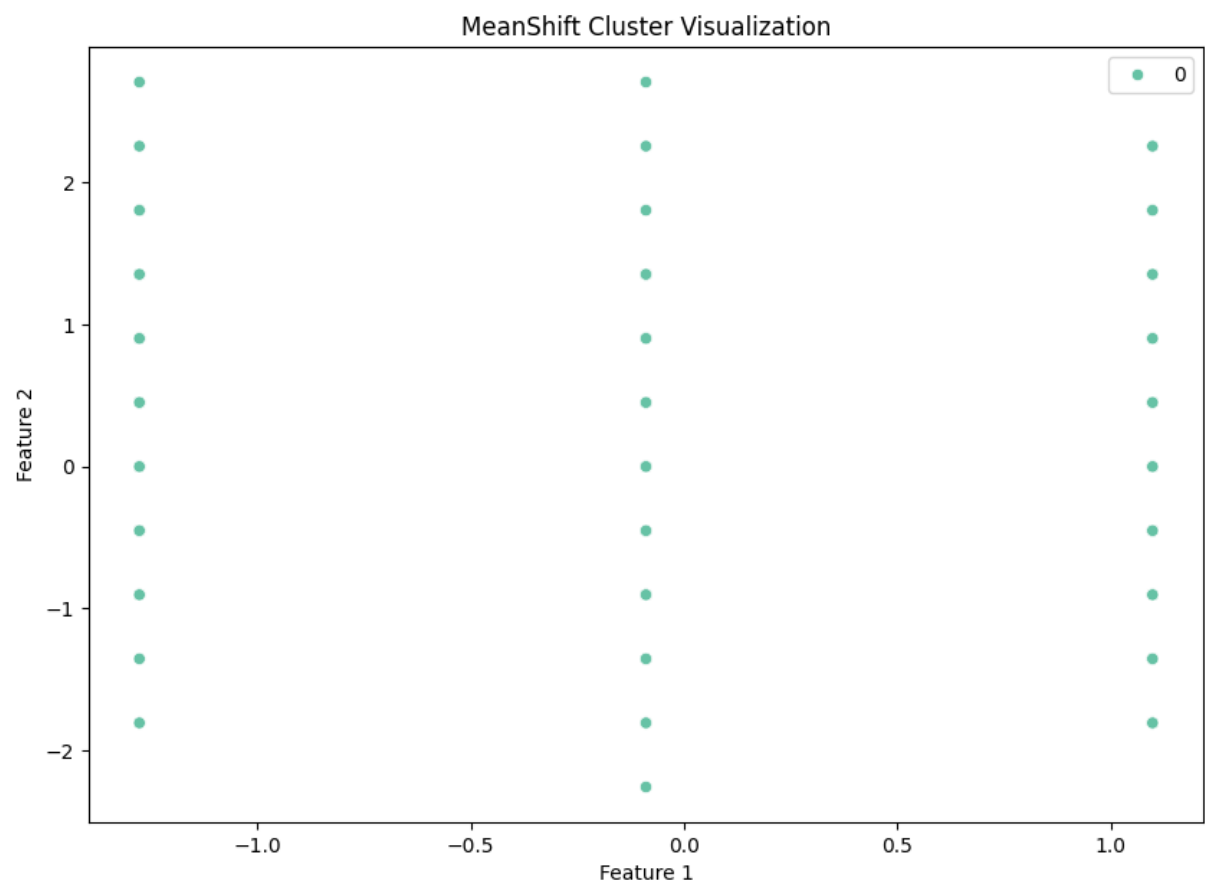
MeanShift Pairplot

Birch Cluster Visualization

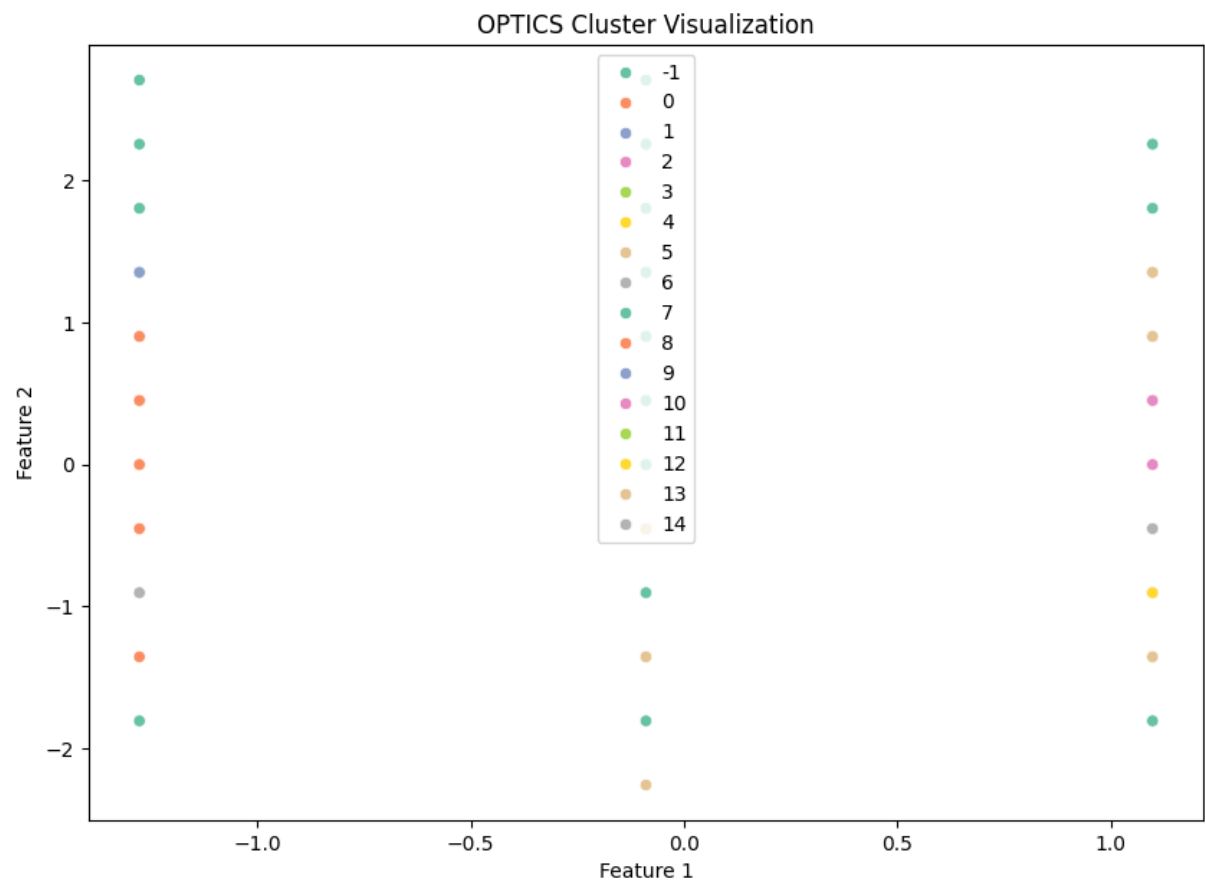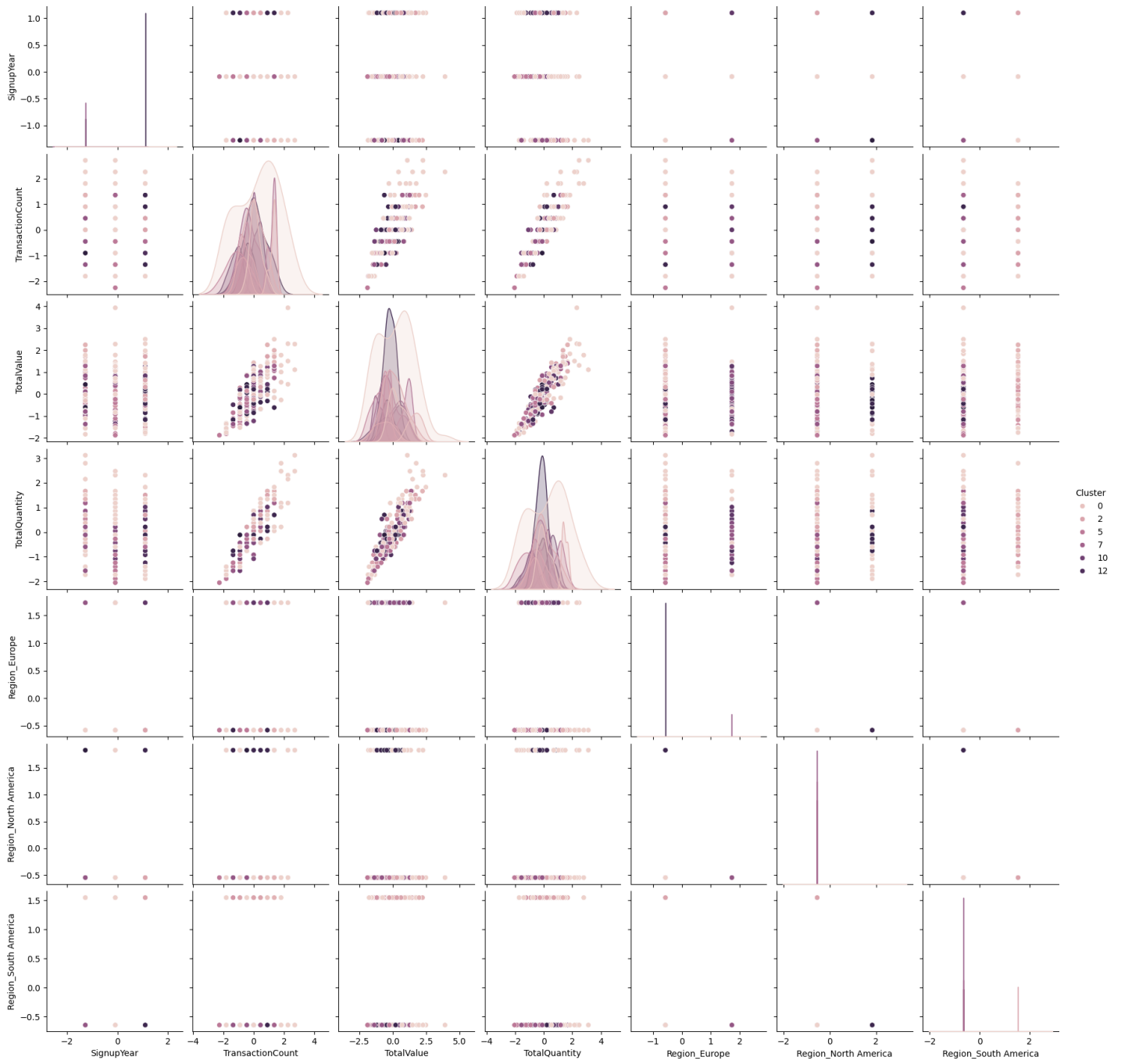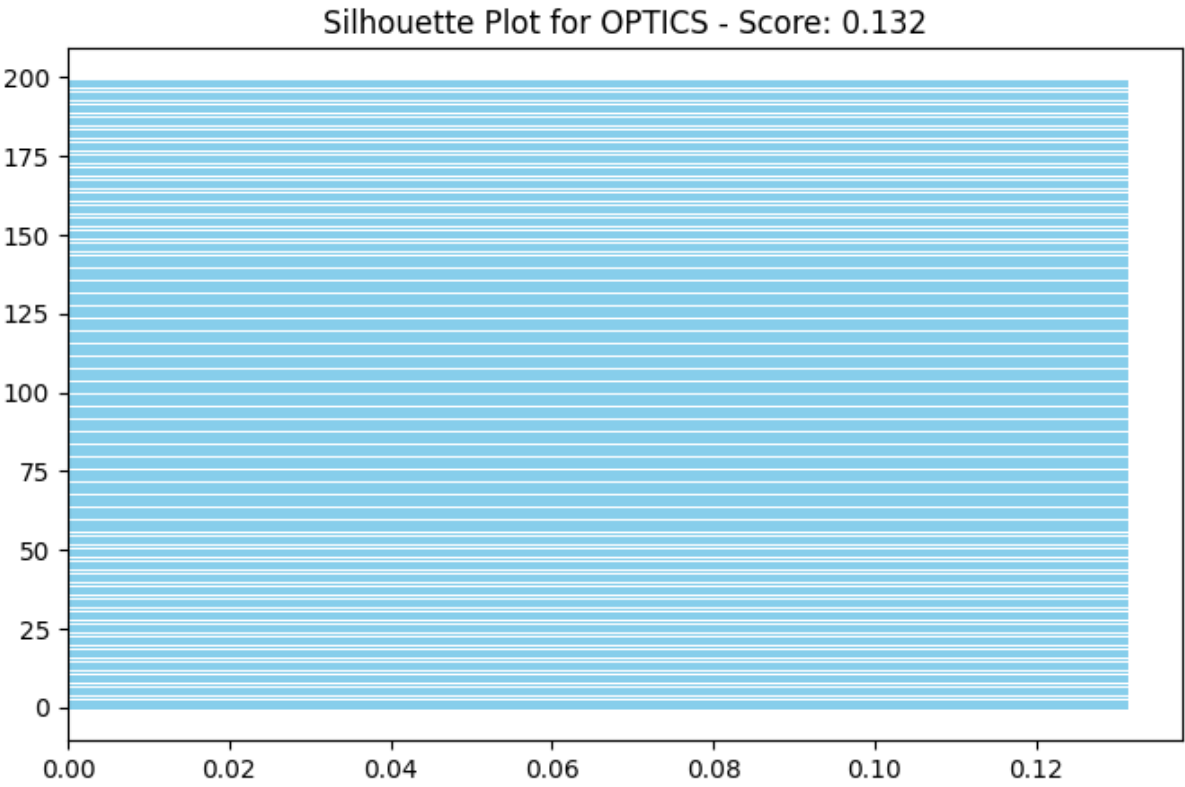Birch Pairplot

Birch Silhouette Plot

Silhouette Plot for Birch - Score: 0.304
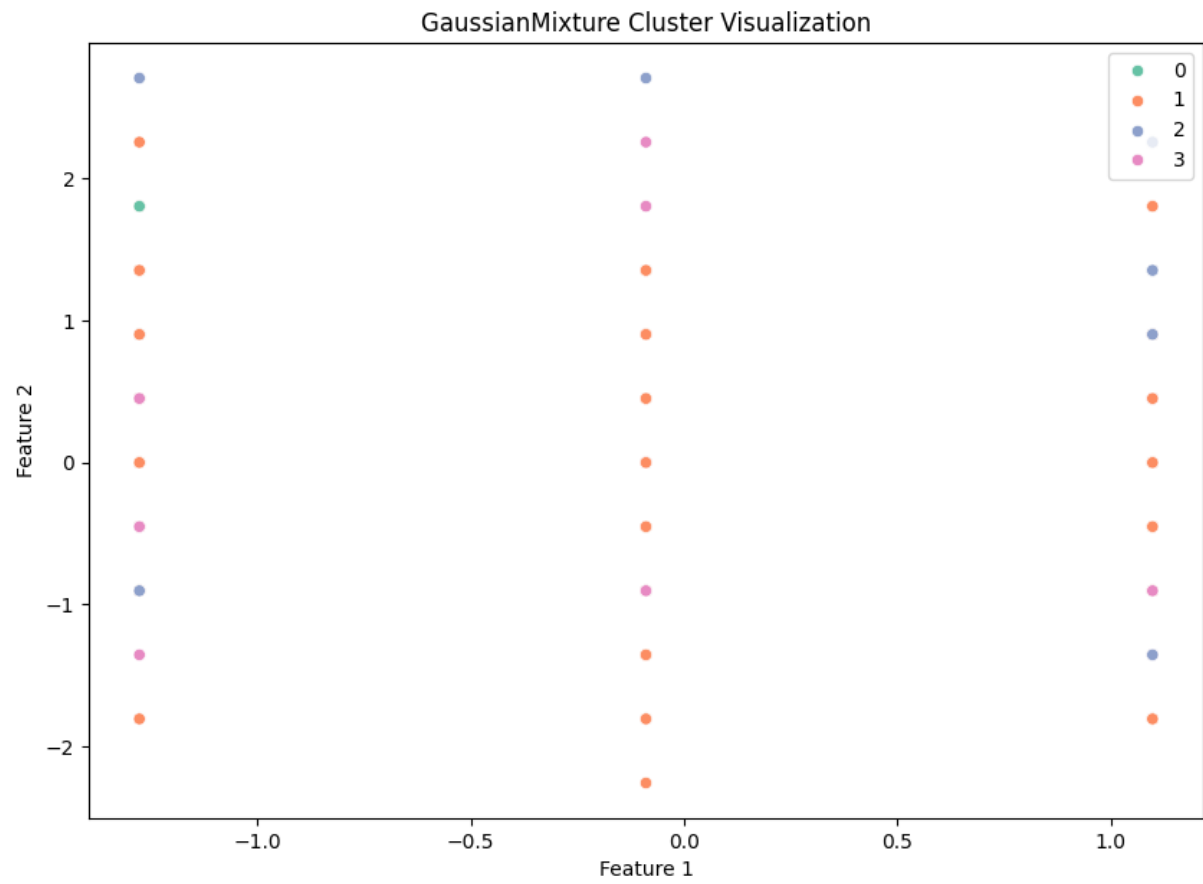
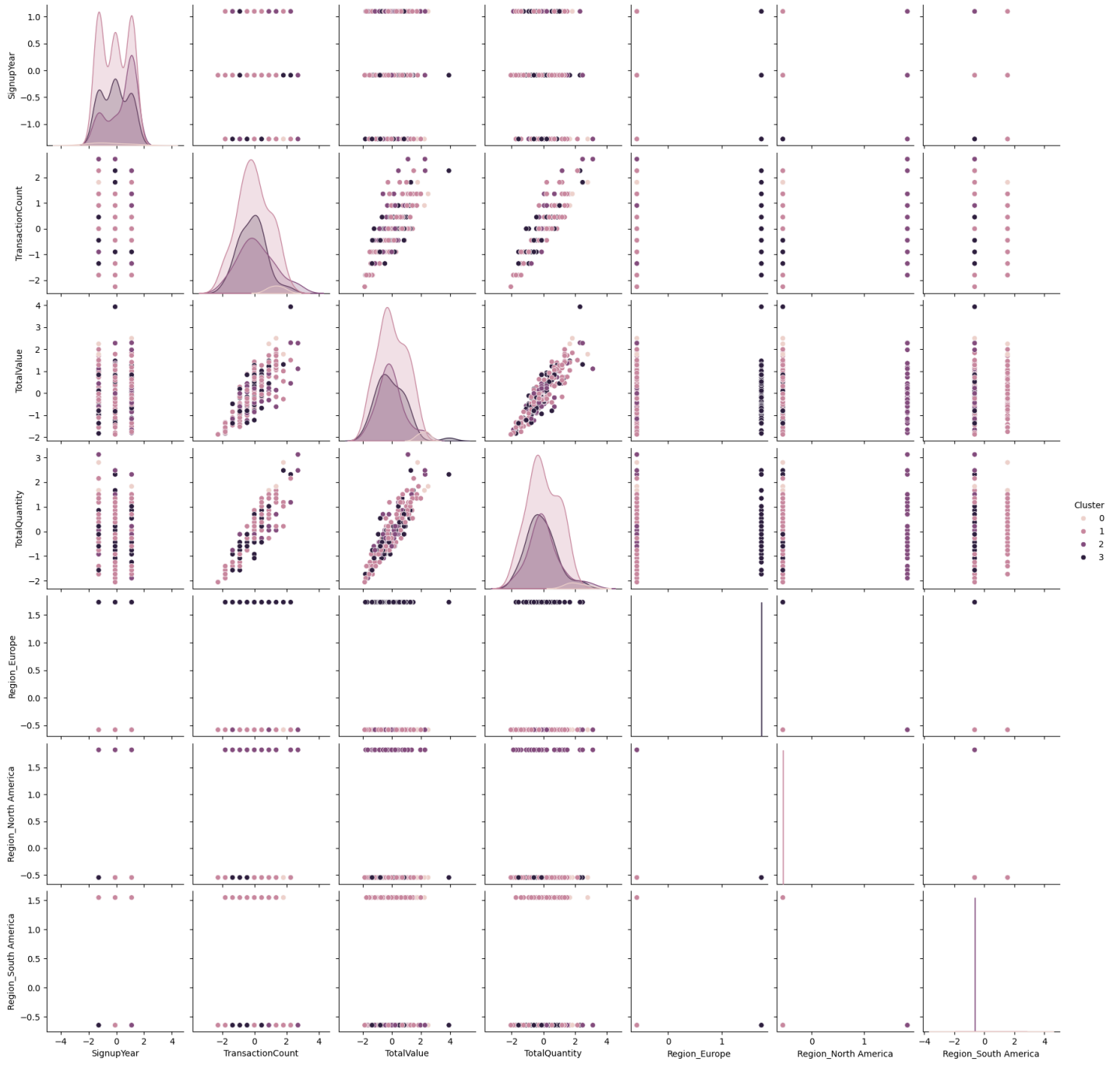OPTICS Cluster Visualization

OPTICS Pairplot

Silhouette Plot for OPTICS - Score: 0.132

GaussianMixture Cluster Visualization

GaussianMixture Pairplot

GaussianMixture Silhouette Plot

Silhouette Plot for GaussianMixture - Score: 0.223