## **Customer Segmentation / Clustering**

#### 1. Feature Set:

- TotalSpending
- TotalQuantity
- UniqueProducts

#### 2. Optimal Number of Clusters: 10

#### 3. Clustering Metrics:

• **DB Index:** 0.792

• Peak Silhouette Score: 0.430

### 4. Customer Segmentation Clusters Visualization:



# **5. Evaluation of Clustering Performance: DB Index and Silhouette Scores**

