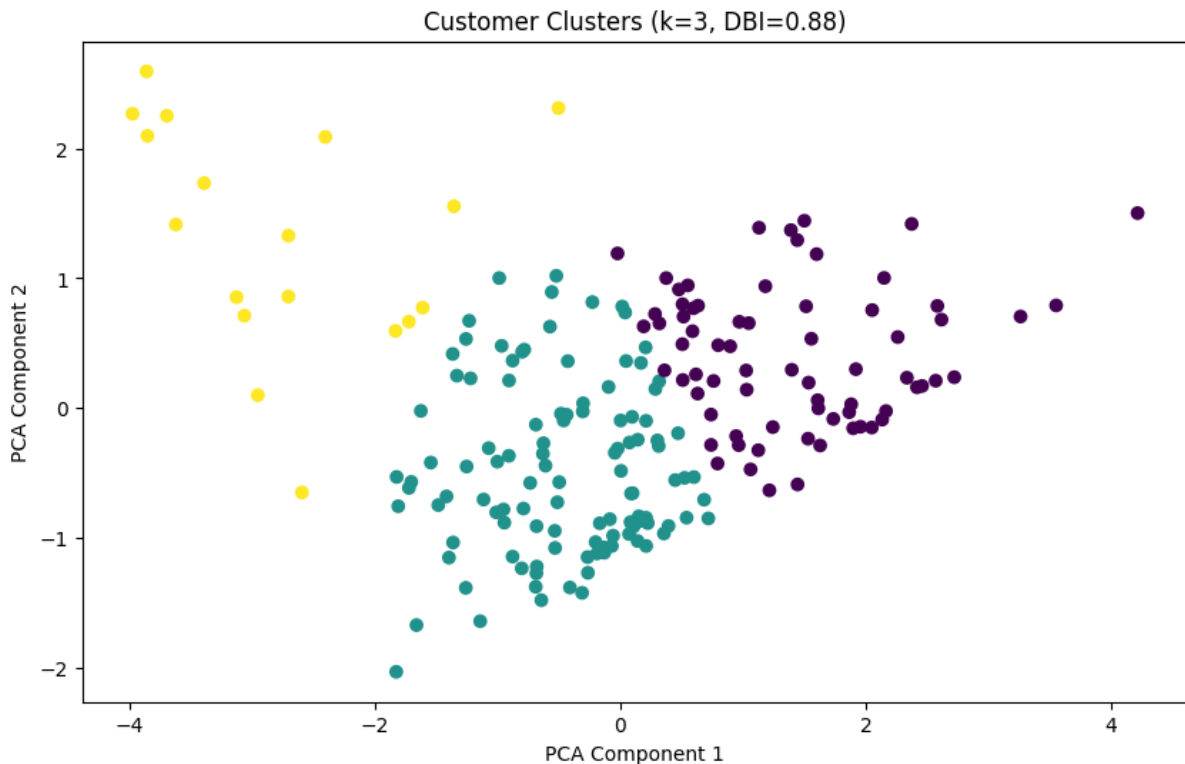


Clustering Results Report

1. Number of Clusters Formed:

The optimal number of clusters determined by minimizing the Davies-Bouldin Index (DBI) is **3**.



2. Davies-Bouldin Index (DBI):

The final DBI value for the optimal clustering is **0.8802** (rounded to two decimal places in the visualization title). A lower DBI indicates better separation between clusters, with values closer to 0 representing superior performance.

3. Cluster Statistics:

The mean values of RFM (Recency, Frequency, Monetary) for each cluster are as follows:

Cluster Statistics:

	Recency	Frequency	Monetary
Cluster			
0	55.070423	7.253521	5333.158592
1	59.981818	4.090909	2619.645182
2	244.166667	1.944444	1287.796111

Davies-Bouldin Index: 0.880153375840541

- **Recency:** Lower values indicate recent customer activity.
- **Frequency:** Higher values denote frequent purchasers.
- **Monetary:** Higher values reflect greater customer spending.

4. Actionable segments:

- **Cluster 0:** Target for loyalty programs or premium offers.
- **Cluster 1:** Reactivate with discounts or personalized campaigns.
- **Cluster 2:** Encourage repeat purchases with moderate incentives.