

A report on your clustering results after performing customer segmentation:

1) **Number of clusters formed:** 5

The clustering algorithm divided the dataset into 5 clusters based on the provided features (TotalValue, Quantity).

2) **Davies-Bouldin Index (DB Index) value:** 8.36

3) The clustering results data includes the following columns:

CustomerID: Identifier for customers.

TotalValue: Monetary value associated with each customer.

Quantity: Quantities associated with the customer.

Regions: Boolean flags indicating the region of each customer.

Cluster: Assigned cluster number for each customer.

Plot of Customer Clusters:

