Customer Segmentation Analysis Results

My clustering analysis successfully identified 5 distinct customer segments from the dataset, with the following distribution:

Segment	Cluster	Customers
Segment 1	Cluster 0	45
Segment 2	Cluster 1	57
Segment 3	Cluster 2	29
Segment 4	Cluster 3	33
Segment 5	Cluster 4	35

The clustering quality metrics demonstrate the effectiveness of the segmentation:

- **DB Index: 1.67162**
    - This indicates reasonable separation between clusters

- **Silhouette Score: 0.19762**
    - While this shows some overlap between segments, it confirms distinct customer groupings

These results provide valuable insights for developing segment-specific strategies and understanding customer behaviour patterns across different groups.