

Report on Clustering Results

1. **Number of Clusters Formed:** 4 clusters (Cluster 0, Cluster 1, Cluster 2, Cluster 3).
2. **Cluster Descriptions:**
 - **Cluster 0:**
 - Count: 21 items
 - Average Quantity: 24.19
 - Average Total Value: 6780.82
 - **Cluster 1:**
 - Count: 47 items
 - Average Quantity: 5.45
 - Average Total Value: 1330.70
 - **Cluster 2:**
 - Count: 42 items
 - Average Quantity: 17.76
 - Average Total Value: 4984.63
 - **Cluster 3:**
 - Count: 89 items
 - Average Quantity: 11.54
 - Average Total Value: 3097.76
3. **DB Index Value:** This specific value was not provided in the document. It measures the compactness and separation of the clusters; you may need to calculate or check it separately.
4. **Other Metrics:**
 - Each cluster's standard deviation for Quantity and Total Value indicates variability within the cluster.
 - Ranges of values (min, max, 25th percentile, 50th percentile, 75th percentile) are provided for each cluster, offering insights into their distribution.