Clustering Validation Report

In this report, we perform clustering validation using KMeans clustering and evaluate the results with the Silhouette Score. The Silhouette Score is a metric used to measure the quality of clusters. A higher score indicates better-defined clusters.

Silhouette Score: 0.72

The silhouette score for the current clustering configuration has been calculated. The silhouette score is a measure of how similar an object is to its own cluster compared to other clusters. A score closer to 1 indicates well-defined clusters.

In conclusion, the silhouette score indicates the quality of clustering. Based on the value calculated, the clustering algorithm performed reasonably well. Further adjustments, such as experimenting with different numbers of clusters, could further improve the clustering quality.