

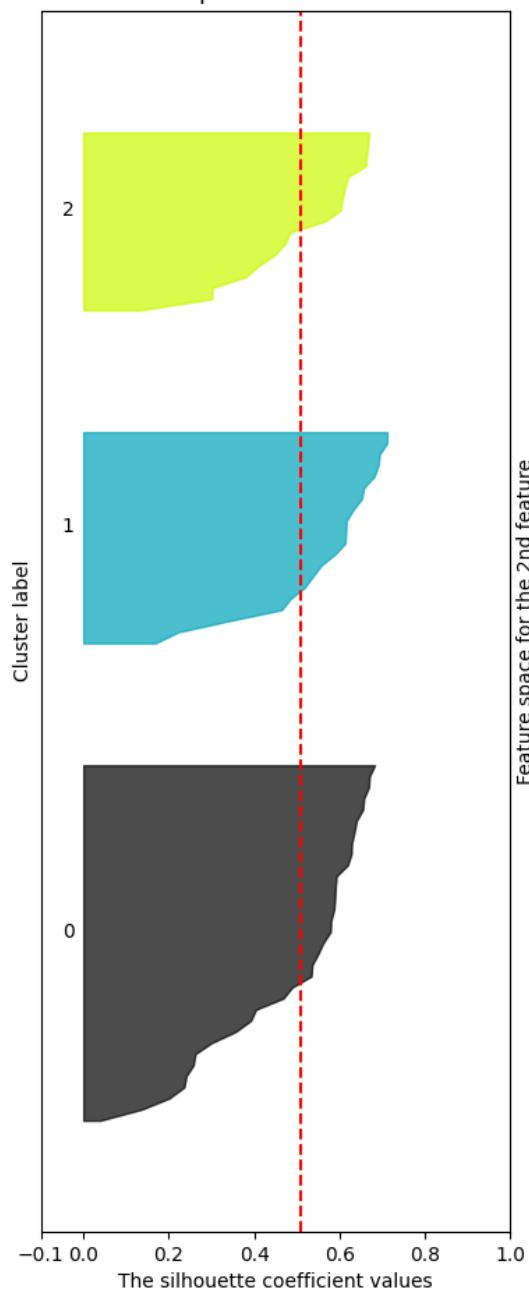
```

For n_clusters = 2 The average silhouette score is : 0.4390205039421504
For n_clusters = 3 The average silhouette score is : 0.5104135355550629
For n_clusters = 4 The average silhouette score is : 0.46033785402161903
For n_clusters = 5 The average silhouette score is : 0.4502265052248388
For n_clusters = 6 The average silhouette score is : 0.396780085184052

```

## Silhouette analysis for KMeans clustering on sample data with n\_clusters = 3

The silhouette plot for the various clusters.



The visualization of the clustered data.

