Max cluster = 40

Silhouette Score for Single Linkage: 0.5118016224286711

Silhouette Score for Complete Linkage: 0.49102589667006635

Silhouette Score for Average Linkage: 0.5327130508001025

Davies-Bouldin Index: 0.3005

Davies-Bouldin Index: 0.6405

Davies-Bouldin Index: 0.3378

Calinski-Harabasz Index: 1734.0717

Calinski-Harabasz Index: 1941.6553

Calinski-Harabasz Index: 1882.3220

Max clusters = 30

Silhouette Score for Single Linkage: 0.5233320951777857

Silhouette Score for Complete Linkage: 0.5370358080525899

Silhouette Score for Average Linkage: 0.5559573744856722

Davies-Bouldin Index: 0.2655

Davies-Bouldin Index: 0.4104

Davies-Bouldin Index: 0.3054

Calinski-Harabasz Index: 2070.9626

Calinski-Harabasz Index: 2373.2084

Calinski-Harabasz Index: 2181.3571

Max clusters = 20

Silhouette Score for Single Linkage: 0.648094280117416

Silhouette Score for Complete Linkage: 0.5887127621345944

Silhouette Score for Average Linkage: 0.6387211037410011

Davies-Bouldin Index: 0.2515

Davies-Bouldin Index: 0.3129

Davies-Bouldin Index: 0.2530

Calinski-Harabasz Index: 2947.0082

Calinski-Harabasz Index: 3146.0694

Calinski-Harabasz Index: 2924.3717

Max clusters = 10

Silhouette Score for Single Linkage: 0.7582618640969938

Silhouette Score for Complete Linkage: 0.7582618640969938

Silhouette Score for Average Linkage: 0.7582618640969938

Davies-Bouldin Index: 0.2521

Davies-Bouldin Index: 0.2521

Davies-Bouldin Index: 0.2521

Calinski-Harabasz Index: 5126.7784

Calinski-Harabasz Index: 5126.7784

Calinski-Harabasz Index: 5126.7784