

Algorithm	Parameters	Silhouette Score
KMeans	{'n_clusters': 3}	0.585792
KMeans	{'n_clusters': 4}	0.681319
KMeans	{'n_clusters': 5}	0.697613
KMeans	{'n_clusters': 6}	0.725118
KMeans	{'n_clusters': 7}	0.702397
Agglomerative	{'n_clusters': 2}	0.580622
Agglomerative	{'n_clusters': 3}	0.580622
Agglomerative	{'n_clusters': 4}	0.681263
Agglomerative	{'n_clusters': 5}	0.697786
Agglomerative	{'n_clusters': 6}	0.697786
Agglomerative	{'n_clusters': 7}	0.697786
DBSCAN	{'eps': 1.0, 'min_samples': 3}	0.728987
DBSCAN	{'eps': 1.0, 'min_samples': 5}	0.730768
DBSCAN	{'eps': 1.5, 'min_samples': 3}	0.692923
DBSCAN	{'eps': 1.5, 'min_samples': 5}	0.692923
DBSCAN	{'eps': 2.0, 'min_samples': 3}	0.693113
DBSCAN	{'eps': 2.0, 'min_samples': 5}	0.693113