

Clustering Algorithm Performance

Algorithm	Pre-processing	Silhouette Score	Calinski-Harabasz Score	Davies-Bouldin Score
K-Means	Standardization	0.4787	156.1430	0.7868
DBSCAN	Standardization	0.3492	76.9759	6.1608
Agglomerative	Standardization	0.4455	220.2604	0.8059
Gaussian Mixture	Standardization	0.4092	133.7028	0.8669
K-Means	Min-Max Scaling	0.4825	350.0614	0.7875
DBSCAN	Min-Max Scaling	Only one cluster detected	-	-
Agglomerative	Min-Max Scaling	0.5043	348.0310	0.7486
Gaussian Mixture	Min-Max Scaling	0.4508	307.7613	0.8726