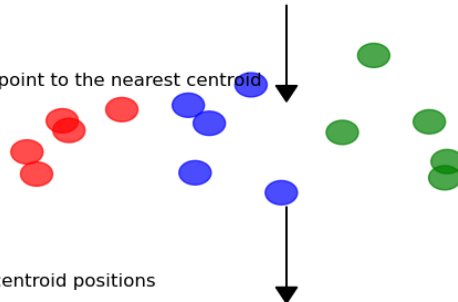


K-Means Clustering Algorithm Flowchart

1. Randomly select K centroids



2. Assign each point to the nearest centroid

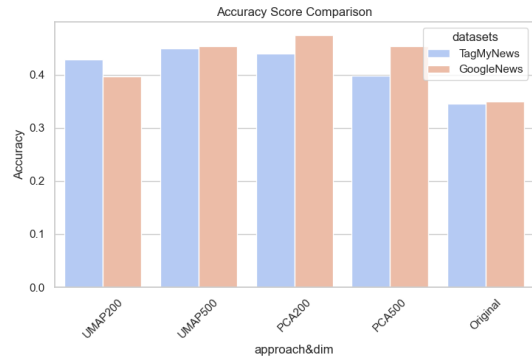
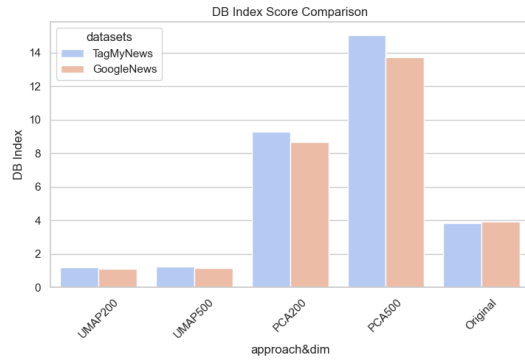
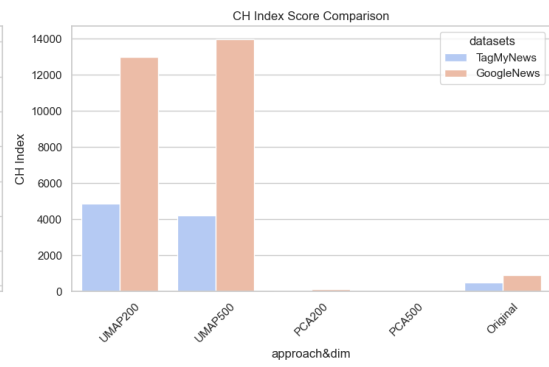
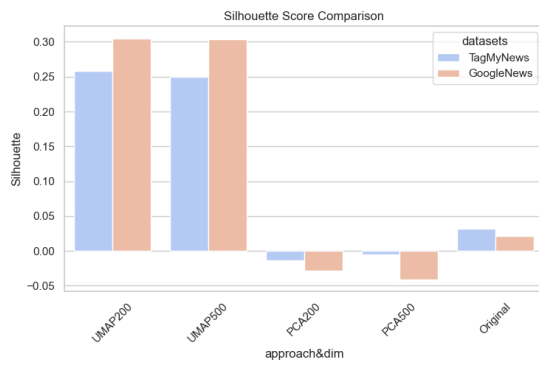


3. Recompute centroid positions



4. Repeat until convergence

Centroids stabilize OR max iterations reached



Model Performance Comparison

