

Output:-

1. **Jupyter Notebook** containing:
 - Data loading and pre-processing code.
 - Clustering code with K-Means (or other algorithms).
 - Evaluation of clustering quality (DB Index, Silhouette Score, etc.).
 - Visualization of clusters using PCA.
2. **Clustering Report:**
 - Number of clusters.
 - DB Index and other clustering metrics (Silhouette Score, Inertia).
 - Visualizations (PCA scatter plot).