

# COMP 5130 – K-Means Results

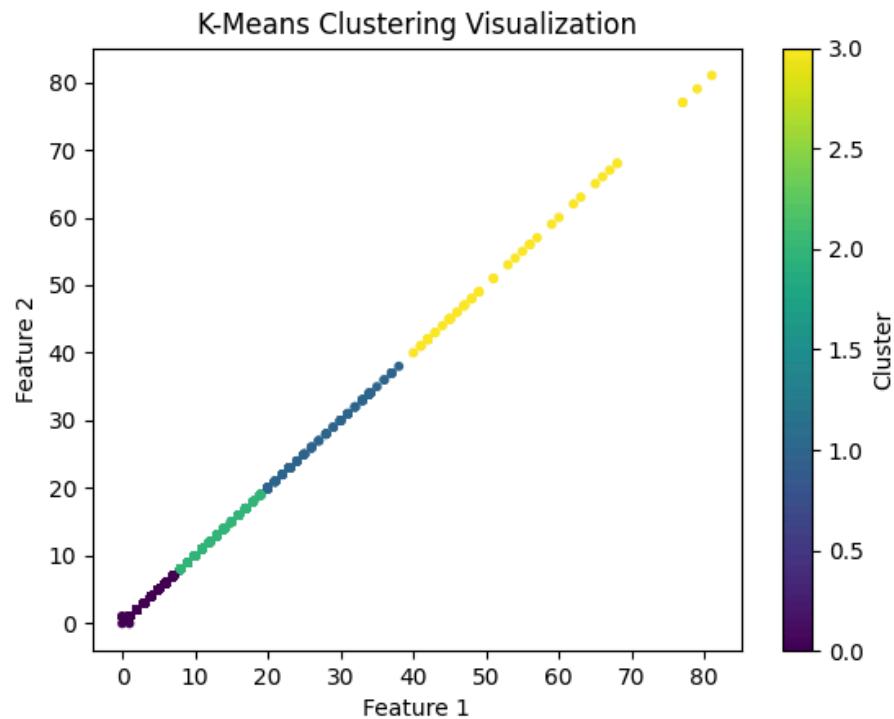
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## Small Dataset:

```
(base) demarcoaguajardo@Sharpay Course Project % python kmeans.py

~~~~~ Directed Graph K-Means Clustering (CA-GrQc.txt) ~~~~~
Enter the number of clusters (k): 4

~~~~~ K-Means Clustering Results ~~~~~
Silhouette Coefficient: 0.7229
Davies-Bouldin Index: 0.5223
Runtime: 1.4998 seconds
```



## Large Dataset:

```
~~~~~ Undirected Graph K-Means Clustering (com-dblp.ungraph.txt) ~~~~~
Enter the number of clusters (k): 4

~~~~~ K-Means Clustering Results ~~~~~
Silhouette Coefficient: 0.9995
Davies-Bouldin Index: 0.3804
Runtime: 1066.2628 seconds
Visualization skipped.
```