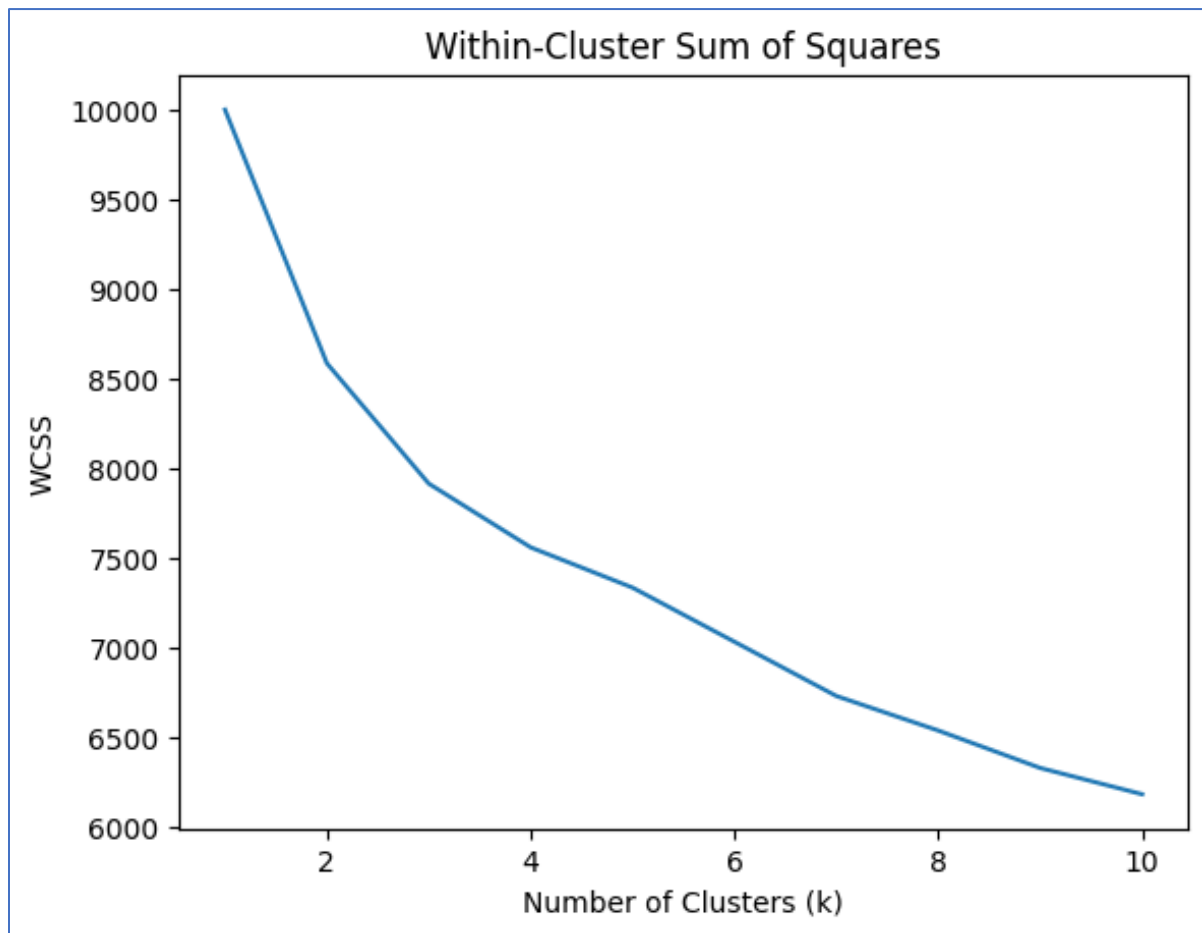


1. CLUSTERING REPORT

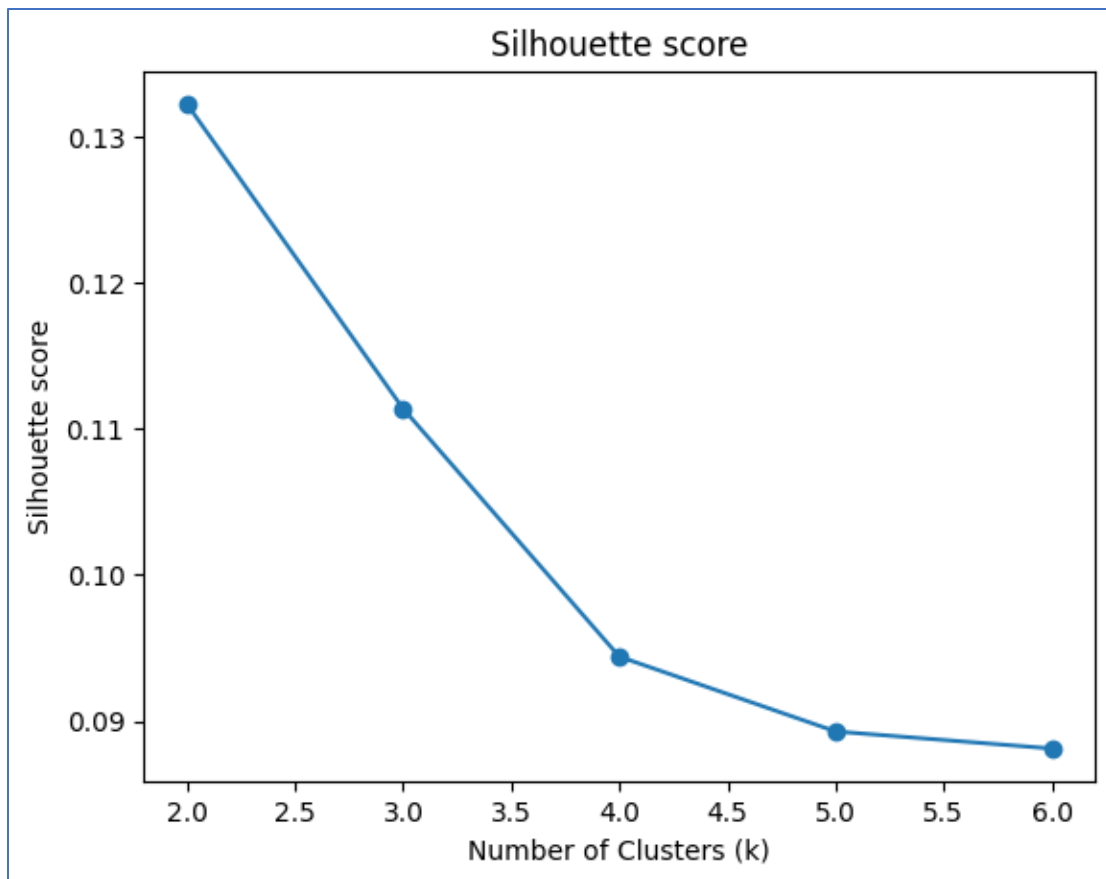


No. of clusters formed: There are 5 clusters formed.

1.1 Clustering Index Scores:

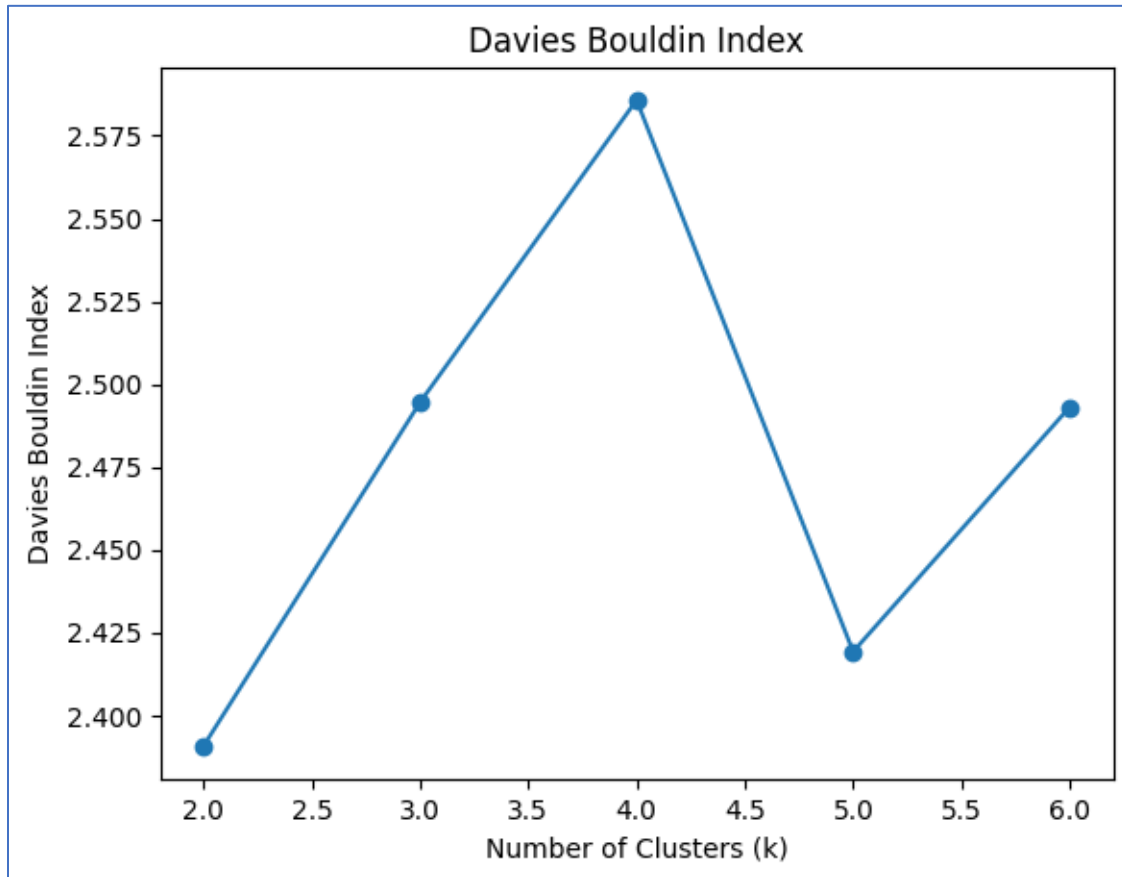
1.1.1 Silhouette Score :

- i. 0.13221406310313338
- ii. 0.1113764473444033
- iii. 0.09441465410346066
- iv. 0.0892987555553655
- v. 0.08812922210416523



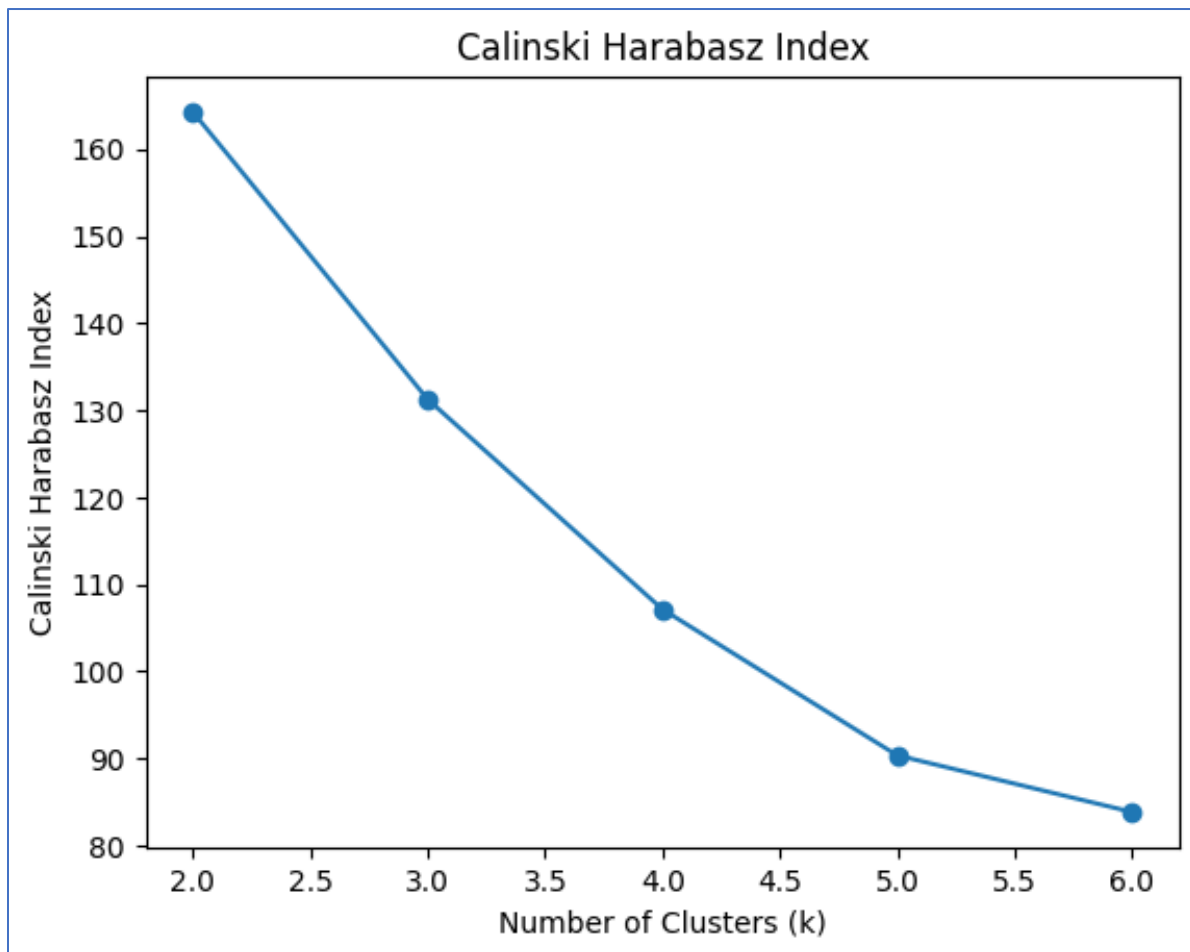
1.2.2 Davies Bouldin Index (DB) :

- i. 2.3906354864970014
- ii. 2.4944634747791414
- iii. 2.585770539363651
- iv. 2.419203883165483
- v. 2.4930711568853936



1.2.3 Calinski Harabasz Index:

- i. 164.27067387218918
- ii. 131.2433440904481
- iii. 107.11413691477746
- iv. 90.32180923078447
- v. 83.80892854946546



1.2.4 Mutual Information Score: 2.2981182345138165

1.2.5 Adjusted rand score :

- i. 0.11830928219156922
- ii. 0.1946047627400636
- iii. 0.23908386137774063
- iv. 0.1944057939217966
- v. 0.23435164668430403

