

## CNG 562- Machine Learning

## Assignment #3 (10 % of the Actual Mark)

This is a group assignment; max group size is 3.

Given the breast cancer dataset located in the sklearn library, we need to find the best strategy for clustering the dataset.

Try both k-means and DBSCAN approaches. Find the model that gives the best cluster cohesion (use silhouette score).

Using the labels given in the dataset, compute the clustering error for your winning approach.