**ML Lab (CS360)**

**Assignment 8**

**Total Marks: 20**

**Submission date: 19/10/2023**

1. Cluster the California House Price dataset ([Download Here](https://www.kaggle.com/datasets/camnugent/california-housing-prices)) using DBSCAN clustering algorithm. The default values for eps=0.5 and minpts=5.

\*\* You can check your code with other combinations of (eps, minpts). Possible range of eps= [0.01,1], and minpts= [3,20]

(with an interval of 3). (10)

1. Find the goodness of generated clusters using Silhouette Coefficient. (10)

Note: Write your own code to implement the clustering algorithm without using any inbuilt library functions.