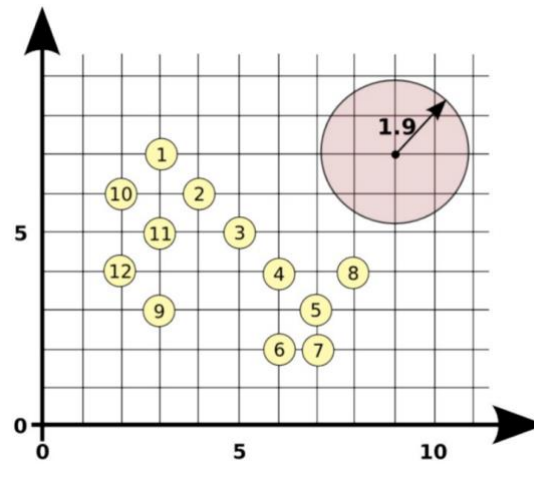# COMP4433 Data Mining and Data Warehousing

## Tutorial Questions on Spatial Clustering

1. By using $\varepsilon=1.9$ and MinPts=4, apply DBSCAN to the following 12 points (data).



   a) Indicate the clusters found.
   b) Label the points as core, border or noise.

2. Redo Q.1 for the following data.