

DATA MINING I - 1DL360

Results form for Assignment 2

Date:

Name:

KMEANS:

	clusterdata1.nt	clusterdata2.nt
number of clusters (k parameter)		
SSE value for original data		

DBSCAN:

	clusterdata1.nt	clusterdata2.nt
eps parameter		
minpts parameter		
number of core points generated		
number of clusters generated		
SSE value for original data		

Questions:

1. In what way are the two datasets different?
2. Can we compare SSE values between KMEANS and DBSCAN? Why?
3. How did you choose the parameters? In particular, how did you choose number of clusters for KMEANS?
4. What are the advantages and disadvantages of the two algorithms?
5. How can a k-dist graph be used to remove noise when the k-means algorithm is used?

Please give brief answers. In order to get a pass grade,

- your script file must work
- your answers to the questions above must be correct
- your answers at the oral examination must be satisfactory

Date

Grade/Comment

Signature+Stamp