



SCHOOL OF COMPUTING

DATAMINING AND DATA WAREHOUSING ASSIGNMENT-II

B.E /B.TECH –CSE/IT SUBJECT CODE: SIT1301

12.05.2021

Part A: Fill in the blanks:

1. _____collection of Data objects. Similar to one another within the same cluster.
2. _____ is a tree diagram for displaying clustering results. Vertical lines represent clusters that are joined together.
3. An alternative is_____ which consider the data as coming from a distribution that is mixture of two or more clusters
4. _____used distance metric to calculate distance between centroid of each cluster and data points in K-means algorithm
5. Cluster is a form of _____

Part B: Short Questions:

1. What is cluster analysis?
2. Classify the hierarchical clustering methods.
3. Compare Clustering and Classification
4. What is Outlier analysis?
5. Define Interval -Scaled Variable?

Part C: Explain Briefly

1. List out the clustering methods. Explain the following cluster i) Grid based clustering ii) Density based clustering with example.