

Course Name: DWM

Lab: M-312A

Class: TE Sem : V

List of Experiments

Practical No.	Module No.	Title of the Regular Experiments	Concepts to be highlighted	CO
1.	4	Find the central tendency of the dataset by using statistics measures (mean median mode and range)	Introduction to Data Mining, Data Exploration and Data Preprocessing	CO1
2.	4	Implementation of different visualization Techniques on the given dataset to know your characteristics of the dataset.	Data Exploration and Data Preprocessing	CO1
3.	4	Implementation Attribute Relevance Analysis using ID3 algorithm	Classification	CO2
4.	4	Implementation of Naïve Bayesian classification algorithm	Classification	CO3 CO4
5.	4	Implementation of Clustering algorithm(K-means).	Clustering	CO3 CO4
6.	4	Implementation of Clustering algorithm (Dendrogram and agglomerative).	Clustering	CO3 CO4
7.	5	Implementation of Association Rule Mining algorithm (Apriori).	Mining frequent patterns and associations	CO3 CO4
8.	3, 4	Mini-Project	All	CO4
9.	2	Build Data Warehouse/Data Mart for a given problem statement i) Identifying the source tables and populating sample data ii) Design dimensional data model i.e. Star schema, Snowflake schema, and Fact Constellation schema (if applicable)	Data Warehousing Fundamentals	CO1
10.	2	Perform OLAP operations on the dimensional model(PBL)	Data Warehousing Fundamentals	CO1
11.	6	Implementation of page rank algorithm. (PBL)	Web Mining	CO5

Faculty Incharge

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