

Data Warehousing & Mining Lab :

Lab Objectives :

- To understand the need of Data Warehouses over Databases, and the difference between usage of operational and historical data repositories.
- To be able to differentiate between RDBMS schemas & Data Warehouse Schemas.
- To understand the concept of Analytical Processing (OLAP) and its similarities & differences with respect to Transaction Processing (OLTP).
- To conceptualize the architecture of a Data Warehouse and the need for pre-processing.
- To understand the need for Data Mining and advantages to the business and scientific world. The validating criteria for an outcome to be categorized as Data Mining result will be understood.
- To get a clear idea of various classes of Data Mining techniques, their need, scenarios (situations) and scope of their applicability.
- To learn the algorithms used for various types of Data Mining Problems.

List of Software Available:

JDK 1.8
NETBEANS
WEKA