



PARSHWANATH CHARITABLE TRUST'S
**A.P. SHAH INSTITUTE OF
TECHNOLOGY**
Department of Computer Science and Engineering
Data Science



Academic Year: 2024-25
Class/Branch: T.E. DS

Semester: V
Subject: DWMLab

EXPERIMENT 2

Title:	<p>Implementation of all dimension tables and fact tables based on experiment 1 case study.</p> <p>i) Identifying the source tables and populating sample data ii) Implementation of dimensional data model i.e. Star schema, Snowflake schema and Fact Constellation schema.</p> <p>Perform following for the above warehouse:</p> <ol style="list-style-type: none">1. Maximum/minimum sale in first quarter2. Maximum/minimum sale of item “vehicles” throughout the year3. Maximum/minimum sale of item throughout the year4. Maximum/minimum sale during the second & third quarter w.r.t. location and item5. List out the items in increasing order w.r.t. sales6. List out the suppliers who supply maximum number of “bikes/cars” during year7. Find out the customer who purchase maximum number of items and also find out all the details of customer along with region. <p>Students are required to make appropriate changes in above queries with respect to the case study. [Students should write down the queries here for creation, insertion and above questions.]</p>
Deliverables:	<ol style="list-style-type: none">1. Code for fact table and dimension table creation.2. Screen Shots of query output
Conclusion:	<p>Students are required to summarize the understandings in their own words.</p>