



PARSHWANATH CHARITABLE TRUST'S

A.P. SHAH INSTITUTE OF TECHNOLOGY

Department of Computer Science and Engineering
Data Science



Department of Computer Science and Engineering Data Science

Academic Year: 2024-2025

Semester: V

Class / Branch: CSE(DS)

Subject: DWM LAB

Name of Instructor: Prof. Ujwala Pagare

Name of Student: Gauri Iyer

Student ID: 22107030

Date Of Performance: 18/7/24

Date Of Submission: 18/7 /24

Experiment No. 1

Aim:- Case study on building data warehouse. Write detailed problem statement and design dimensional modeling.

Problem Statement:

Ticket Reservation data warehouse to keep records of sales with respect to dimensions like ticket_reservation, station, class, coach, passenger. These dimensions will keep track of things like sales, passenger details, station location, train details, number of tickets sold and amount earned.

Dimensional Model:

