Revenue Analysis - Star Schema Documentation (Day 4)

# Definitions

• Fact Table: A table that contains measurable, quantitative data for analysis (e.g., sales, revenue, quantities).

• Dimension Table: A table that contains descriptive attributes related to the facts (e.g., customer info, product details, dates).

# Tables Categorization

## Fact Tables:

• Total Orders

• Revenue (if used for financial analysis)

## Dimension Tables:

• Customers

• Plant

• Customer wise data (if used for lookup/description only)

• Plant wise data (if used for lookup/description only)

# Types of Relationships in the Star Schema

• Customers[CustomerID] to Total Orders[CustomerID]: One-to-Many

• Plant[PlantID] to Total Orders[PlantID]: One-to-Many

All relationships are single-direction, one-to-many, pointing from dimension to fact.