# Data Modelling Notes – Revenue Analysis Data

## Definitions

• Dimension Table: Contain descriptive attributes related to the fact table (e.g., product names, customer details, dates).

• Fact Table: A table that contains measurable, quantitative data for analysis (e.g., Total Orders).

## Tables Classification

Dimension Tables:

* Customers
* Customer Wise Data
* Plants
* Plant Wise Data

Fact Table:

* Total Orders

## Relationships Used

• Customers (Customer ID) ⟶ Total Orders (Customer ID)  
 → One-to-Many (1:\*), Single Direction

• Plants (Plant ID) ⟶ Total Orders (Plant ID)  
 → One-to-Many (1:\*), Single Direction

• Customer Wise Data (Customer ID) ⟶ Total Orders (Customer ID)  
 → One-to-Many (1:\*), Single Direction

• Plant Wise Data (Plant ID) ⟶ Total Orders (Plant ID)  
 → One-to-Many (1:\*), Single Direction

