**Case Study - Sales Order Analysis**

A company needs to analyse the sales and the orders for their product. It has three datasets with below details:

**Order List -** it contains the list of all the order with amount, city, state.\_\_

Order List

Order ID: string (nullable = true)

Order Date: string (nullable = true)

CustomerName: string (nullable = true)

State: string (nullable = true)

City: string (nullable = true)

**Order Details** - detail of the order. Order list has 1-to-many relationship with this dataset.\_\_

Order Details

Order ID: string (nullable = true)

Amount: string (nullable = true)

Profit: string (nullable = true)

Quantity: string (nullable = true)

Category: string (nullable = true)

Sub-Category: string (nullable = true)

**Sales Target** - This contains the monthly sales target of product category.\_\_

Sales Target

Month of Order Date: string (nullable = true)

Category: string (nullable = true)

Target: string (nullable = true)

Answer following question asked by the business user:

1. Top 10 most selling categories & sub-categories (based on number of orders).
2. Which order has the highest & lowest profit.
3. Top 10 states & cities with highest total bill amount
4. In which month & year we received most number of orders with total amount (show top 10).
5. Which category fullfiled the month target. Add one extra column "IsTargetCompleted" with values Yes or No.