# **SQL Queries for Time Intelligence Dax Practice Lab 1**

-- Create the SalesData table to hold the data

CREATE TABLE SalesData (

Date DATE,

Year INT,

MonthName VARCHAR(20),

QuarterName VARCHAR(20),

Sales DECIMAL(10,2)

);

-- Insert data for 3 years (2021, 2022, 2023)

INSERT INTO SalesData (Date, Year, MonthName, QuarterName, Sales)

VALUES

-- Year 2021

('2021-01-01', 2021, 'January', 'Q1', 500.00),

('2021-02-01', 2021, 'February', 'Q1', 450.00),

('2021-03-01', 2021, 'March', 'Q1', 600.00),

('2021-04-01', 2021, 'April', 'Q2', 700.00),

('2021-05-01', 2021, 'May', 'Q2', 400.00),

('2021-06-01', 2021, 'June', 'Q2', 550.00),

('2021-07-01', 2021, 'July', 'Q3', 650.00),

('2021-08-01', 2021, 'August', 'Q3', 520.00),

('2021-09-01', 2021, 'September', 'Q3', 610.00),

('2021-10-01', 2021, 'October', 'Q4', 750.00),

('2021-11-01', 2021, 'November', 'Q4', 800.00),

('2021-12-01', 2021, 'December', 'Q4', 900.00),

-- Year 2022

('2022-01-01', 2022, 'January', 'Q1', 550.00),

('2022-02-01', 2022, 'February', 'Q1', 480.00),

('2022-03-01', 2022, 'March', 'Q1', 620.00),

('2022-04-01', 2022, 'April', 'Q2', 720.00),

('2022-05-01', 2022, 'May', 'Q2', 450.00),

('2022-06-01', 2022, 'June', 'Q2', 580.00),

('2022-07-01', 2022, 'July', 'Q3', 670.00),

('2022-08-01', 2022, 'August', 'Q3', 530.00),

('2022-09-01', 2022, 'September', 'Q3', 630.00),

('2022-10-01', 2022, 'October', 'Q4', 780.00),

('2022-11-01', 2022, 'November', 'Q4', 810.00),

('2022-12-01', 2022, 'December', 'Q4', 920.00),

-- Year 2023

('2023-01-01', 2023, 'January', 'Q1', 600.00),

('2023-02-01', 2023, 'February', 'Q1', 490.00),

('2023-03-01', 2023, 'March', 'Q1', 640.00),

('2023-04-01', 2023, 'April', 'Q2', 740.00),

('2023-05-01', 2023, 'May', 'Q2', 460.00),

('2023-06-01', 2023, 'June', 'Q2', 600.00),

('2023-07-01', 2023, 'July', 'Q3', 690.00),

('2023-08-01', 2023, 'August', 'Q3', 540.00),

('2023-09-01', 2023, 'September', 'Q3', 650.00),

('2023-10-01', 2023, 'October', 'Q4', 800.00),

('2023-11-01', 2023, 'November', 'Q4', 830.00),

('2023-12-01', 2023, 'December', 'Q4', 900.00);

select \* from SalesData ;