```sql
create database ALL_ORDER;
GO
Use ALL_ORDER;
GO
-- ========================
-- BẢNG dim_date
-- ========================
CREATE TABLE Dim_Date (
    Order_Date    DATE     NOT NULL PRIMARY KEY,
    Day          INT      NULL,
    Month         INT      NULL,
    Quarter       INT      NULL,
    Year          INT      NULL
);
GO
-- ========================
-- BẢNG dim_product
-- ========================
CREATE TABLE Dim_Product (
    Product_ID     NVARCHAR(50)  NOT NULL PRIMARY KEY,
    Product_Name   NVARCHAR(200)  NULL,
    Sub_Category   NVARCHAR(155)  NULL,
    Category       NVARCHAR(155)  NULL
);
GO
-- ========================
-- BẢNG dim_customer
-- ========================
CREATE TABLE Dim_Customer (
    Customer_ID    NVARCHAR(50)  NOT NULL PRIMARY KEY,
    Customer_Name   NVARCHAR(100)  NULL,
    Segment        NVARCHAR(100)  NULL
```

```sql
);
GO
-- ================================
-- BẢNG dim_region
-- ================================
CREATE TABLE Dim_Region (
    Region_ID       INT         NOT NULL PRIMARY KEY,
    Country_Region  NVARCHAR(50)   NULL,
    City            NVARCHAR(100)  NULL,
    State           NVARCHAR(100)  NULL,
    Postal_Code     FLOAT          NULL,
    Region          NVARCHAR(50)   NULL
);
GO
-- ================================
-- BẢNG fact_sales
-- ================================
CREATE TABLE Fact_Sales (
    Fact_ID         INT IDENTITY(1,1) PRIMARY KEY,
    Order_Date      DATE           NOT NULL,
    Product_ID      NVARCHAR(50)   NOT NULL,
    Customer_ID     NVARCHAR(50)   NOT NULL,
    Region_ID       INT            NOT NULL,
    Ship_Date       DATE           NULL,
    Ship_Mode       NVARCHAR(100)  NULL,
    Sales           FLOAT          NULL,
    Quantity        INT            NULL,
    Discount        FLOAT          NULL,
    Profit          FLOAT          NULL,
    Target          FLOAT          NULL,
    CONSTRAINT FK_FactSales_Date
        FOREIGN KEY (Order_Date) REFERENCES Dim_Date(Order_Date),
```

```sql
    CONSTRAINT FK_FactSales_Product
        FOREIGN KEY (Product_ID) REFERENCES Dim_Product(Product_ID),
    CONSTRAINT FK_FactSales_Customer
        FOREIGN KEY (Customer_ID) REFERENCES Dim_Customer(Customer_ID),
    CONSTRAINT FK_FactSales_Region
        FOREIGN KEY (Region_ID) REFERENCES Dim_Region(Region_ID)
);
GO
--- tạo bảng staging --
Use ALL_ORDER;
GO
CREATE TABLE staging_order (
    Order_Date      DATETIME        NULL,
    Ship_Date       DATETIME        NULL,
    Ship_Mode       NVARCHAR(100)   NULL,
    Customer_ID     NVARCHAR(50)    NULL,
    Customer_Name   NVARCHAR(100)   NULL,
    Segment         NVARCHAR(100)   NULL,
    Country_Region  NVARCHAR(50)    NULL,
    City            NVARCHAR(100)   NULL,
    State           NVARCHAR(100)   NULL,
    Postal_Code     FLOAT           NULL,
    Region          NVARCHAR(50)    NULL,
    Product_ID      NVARCHAR(50)    NULL,
    Product_Name    NVARCHAR(200)   NULL,
    Sub_Category    NVARCHAR(155)   NULL,
    Category        NVARCHAR(155)   NULL,
    Sales           FLOAT           NULL,
    Quantity        INT             NULL,
    Discount        FLOAT           NULL,
    Profit          FLOAT           NULL,
    Target          FLOAT           NULL,
```

```sql
    Region_ID    INT        NULL,
    Day          INT        NULL,
    Month        INT        NULL,
    Quarter      INT        NULL,
    Year         INT        NULL,
);
GO
```