Dataset Schema for Pricing Web App

1. Product

   - Product_ID: INT, Primary Key

   - Product_Name: VARCHAR(255)

   - Price: DECIMAL(10, 2)

   - Cost: DECIMAL(10, 2)

   - Stock_Level: INT

2. Sales

   - Date: DATE

   - Product_ID: INT, Foreign Key to Product

   - Quantity_Sold: INT

   - Revenue: DECIMAL(10, 2) (Calculated as Price * Quantity_Sold)

   - Promotion: BOOLEAN (Yes/No)

3. MarketFactors

   - Date: DATE

   - Product_ID: INT, Foreign Key to Product

   - Competitor_Price: DECIMAL(10, 2)

   - Seasonality: VARCHAR(255) (e.g., Holiday, Normal)

   - Region: VARCHAR(100) (e.g., North, South)

   - Customer_Segment: VARCHAR(255) (e.g., Retail, Wholesale)