**CASE STUDY FOR DATABASE DESIGN**

**AND RELATIONSHIP UNDERSTANDING**

**Helpful for SQL Developers**, **Data Modeling** [**MSBI** & **Power BI**]

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**Requirement:**

You need you design a database to store Retail Data for a Sales Business.

The Entities are :

**1. Product**

**2. Customers**

**3. Time**

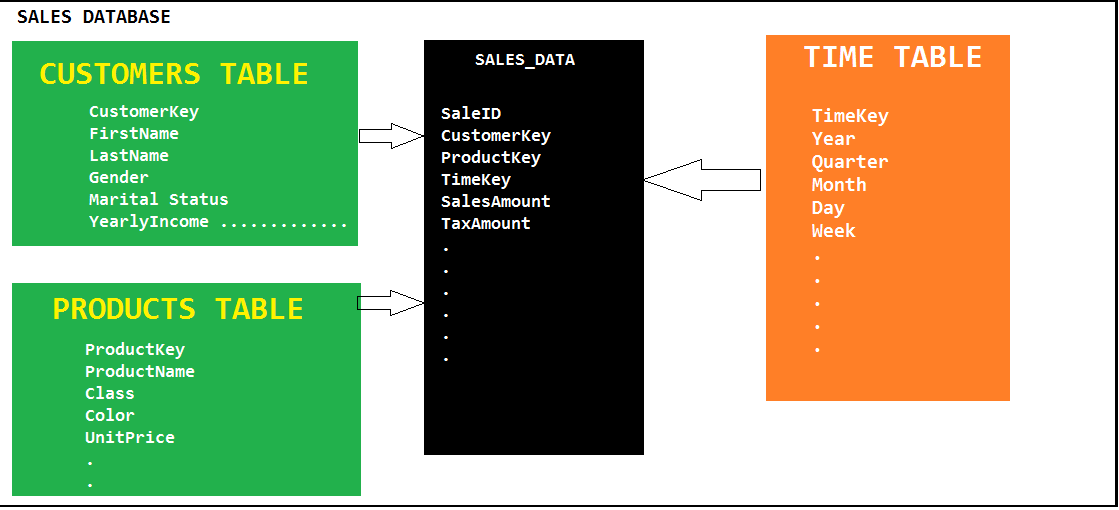
**4. Sales**

**Relation Rule 1: Every Sale should happen for a valid (available) product only**

**Relation Rule 2: Every Sale should happen for a valid (registered) customer only**

**Relation Rule 3: Every Sale should happen with respective to given time reference.**

**You need to define Tables, Columns and Relations. Insert some test data based on your analysis. Make sure the relations are correct.**



You are requested to email your .SQL file for the above requirement to **saiphanindrait@gmail.com** ASAP. Solution to be provided via email in reply to your submission.