Task 1. Provide description for each table within the **Sales History** Schema

Analyze the structure and relationships of the **Sales History** Schema’s tables to understand the data model and design considerations for OLAP and OLTP.

Find out fact and dimension tables and briefly describe schema (what information is stored into it).

Sales history schema is used for data warenhousing and business intelligence purposes

With that data we can perform a variety of analyses and generate insights to support business decisions

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| Table/View Name | Used for | Additional Notes |
| countries | for storing data about countries where sales transactions occur. | Dimension Table in SF schema. country\_id PK |
| customers | store detailed information about each customer | Dimension Table in SF schema. cust\_id PK |
| channels | store information about the various sales channels through which products are sold | Dimension Table in SF/S schema. channel\_id PK |
| times | store information about different time periods | Dimension Table in SF/S schema. time\_id PK |
| products | store detailed information about each product sold | Dimension Table in SF/S schema. prod\_id PK |
| promotions | store information about various promotional campaigns | Dimension Table in SF/S schema. promo\_id PK |
| costs | store information about the costs associated with products, promotions, and sales channels | Fact Table |
| sales | store detailed information about each sales transaction | Fact Table |
| profits | calculate and analyze the profitability of sales transactions | It is view |
| supplementary\_demographics | have information about demographic of customers and additional info | Dimension Table. cust\_id PK. We can use it for additional information. We can join with customers table. |