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Experiment NO.-10

Title:- star schema

Aim :- To study about star schema components and representation

Star schema:

components:-

i) A star schema is the elementary form of a dimensional model in which data is organized into facts and dimensions

1) facts table:

i) Table is star schema which contains fact and connected to dimensions

ii) A fact table has two types of columns those that include fact and those that is made up of all foreign keys.

iii) A fact table might involve either details level fact or that been aggregated.

2) A fact table might involve either details level fact or that have been

2) Dimension table:

i) Dimension table contains a primary key and having those attributes that are used in the decision making process.

ii) eg. product dimension Time dimension

iii) It is connected to fact table by primary the foreign key relationship

iv) filtering and grouping are supported by tables

3) Attributes:

i) These are the column in the dimension table

ii) Attribute hierarchy is used to analyse the data from various aggregation level usually starting to high one.

iii) eg. product \rightarrow product type etc.

* star schema representation

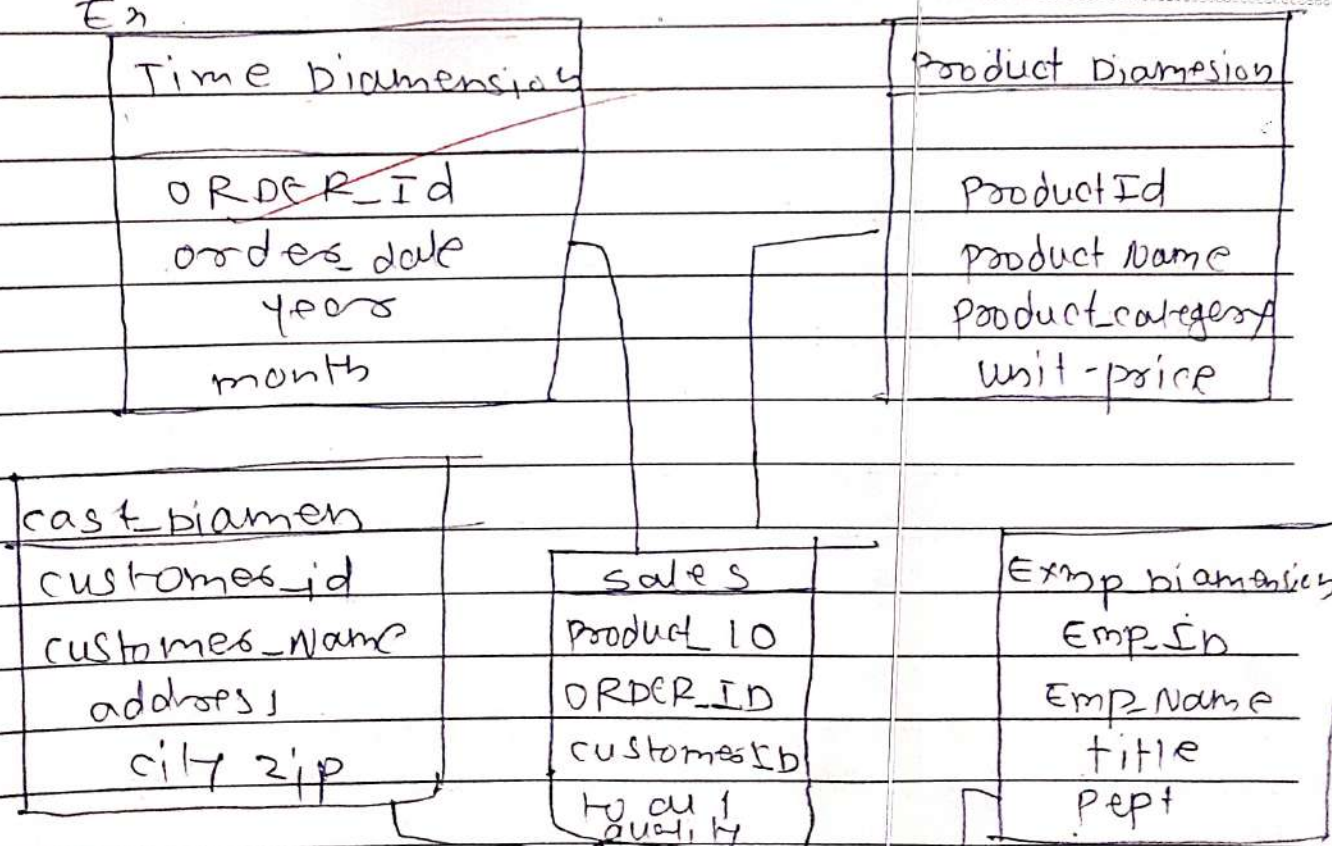
i) star schema is the fundamental schema among the data mart is

the fundamental schema among the data mart schema and is efficient

i) stars schema is the fundamental schema among the data mart schema and is also efficient for handling basic queries

ii) It is said to be stars as its physical model resembles to the star shape having fact table at centre and the dimensions table at peripheral star points

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Conclusion: we understood how the
Schema works

