

SCHEMA DIAGRAM FOR GIVEN SCENARIO BEFORE NORMALIZATION

PRODUCT:

<u>Product_id</u>	Product_name	Unit_price	Category_id
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CATEGORY:

<u>Category_id</u>	Category_name
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CUSTOMER:

<u>Customer_id</u>	Customer_name	Date_of_birth	gender	Mobile_no	Location_id
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LOCATION:

<u>Location_id</u>	Location_name	state
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SALES_REPRESENTATIVE:

<u>Sales_rep_id</u>	name	Date_of_birth	gender	Mobile_no
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PURCHASE:

Product_id	Customer_id	Sales_rep_id	No_of_units	Date_of_purchase	Category_id	Location_id	state
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Candidate key for purchase : product_id customer_id sales_repr_id no_of_purchases
date_of_purchase