**Question & Answer**

**Q.1 Write a query to find the full details of shipment so select Order ID, Ship ID,Shipping\_Cost, Ship\_date from the database.**

**a.Order\_ID,a.Ship\_id,b.Shipping\_Cost,a.Ship\_Date**

**FROM shipping\_dimen AS a**

**INNER JOIN market\_fact\_full AS b ON a.Ship\_id = b.Ship\_id;**

Q.2 . **Provide the customer name, city, state and the order ID and order quantity they Ordered CD.Customer\_Name,CD.City,CD.State,MF.Ord\_id,MF.Order\_Quantity FROM cust\_dimen AS CD**

**INNER JOIN market\_fact\_full AS MF ON CD.cust\_id = MF.cust\_id;**

Q.3 **Provide the product details like order Id, shipment ID whose shipment mode is Regular Air**

**SELECT Order\_ID,Ship\_id,Ship\_Mode FROM shipping\_dimen WHERE Ship\_Mode = “REGULAR AIR” GROUP BY Ship\_id,Order\_ID;**

Q.5 **Provide all the details of customers which are from West Bengal.**

**SELECT Cust\_id,Customer\_Name,City,State FROM cust\_dimen WHERE State = ‘West Bengal’;**

Q.6 **Provide the order details like odr\_id, prod\_id, ship\_id, cust\_id whose discount is More than 0.05 and order\_quantity is more than 10.**

**SELECT Ord\_id,Prod\_id,Ship\_id,Cust\_id,Discount,Order\_Quantity FROM market\_fact\_full WHERE Discount>0.05 AND Order\_Quantity>10 GROUP BY Discount ;**

Q.7 **Create a table shipping\_mode\_dimen having columns with their respective data**

**Types as the following:**

**(i) Ship\_Mode VARCHAR(25)**

**(ii) Vehicle\_Company VARCHAR(25)**

**(iii) Toll\_Required BOOLEAN**

**CREATE TABLE SHIPPING\_MODE\_DIEMEN (**

**SHIP\_MODE VARCHAR(25),**

**VEHICLE\_COMPANY VARCHAR(25),**

**TOLL\_REQUIRED BOOLEAN**

**);**

Q.8 **Make 'Ship\_Mode' as the primary key in the above table**.

**CREATE TABLE SHIPPING\_MODE\_DIEMEN (**

**SHIP\_MODE VARCHAR(25),**

**VEHICLE\_COMPANY VARCHAR(25),**

**TOLL\_REQUIRED BOOLEAN,**

**PRIMARY KEY(SHIP\_MODE)**

);

**Q.9 Insert two rows in the table created above having the row-wise values:**

**(i) ‘DELIVERY TRUCK', 'Ashok Leyland', false**

**(ii) 'REGULAR AIR', 'Air India', false**

**INSERT INTO SHIPPING\_MODE\_DIEMEN VALUES (‘DELIVERY TRUCK’,’ASHOK LEYLAND’,FALSE);**

**INSERT INTO SHIPPING\_MODE\_DIEMEN VALUES (‘REGULAR AIR’,’AIR INDIA’,FALSE);**

**Q.10** **Add another column named 'Vehicle\_Number' and its data type to the created table.**

**ALTER TABLE SHIPPING\_MODE\_DIEMEN ADD VEHICLE\_NUMBER VARCHAR(20);**

**Q.11** **Update its value to 'MH-05-R1234'**

**UPDATE SHIPPING\_MODE\_DIEMEN**

**SET VEHICLE\_NUMBER=’MH-05-R1234’**

**WHERE SHIP\_MODE = ‘DELIVERY TRUCK’;**

**Q.12** **Print the names of all customers who are either corporate or belong to Mumbai.**

**SELECT Customer\_Name,City,Customer\_Segment FROM cust\_dimen WHERE CITY = ‘Mumbai’ AND Customer\_Segment = ‘CORPORATE’;**

**Q.13** **Find the total number of sales made.**

**SELECT SUM(Sales) AS “Total NO.OF Sales” FROM market\_fact\_full;**

**Q.15 .List the customer names in alphabetical order.**

**SELECT Customer\_Name FROM cust\_dimen ORDER BY Customer\_Name;**