

--1) Category-wise sales

```
SELECT p.Category,
SUM(f.TotalAmount) AS Total_Sales_Amount
FROM FactSales f
JOIN DimProduct p ON f.ProductKey = p.ProductKey
GROUP BY p.Category;
```

--2) Customer-wise total sales

```
SELECT c.CustomerName,
SUM(f.TotalAmount) AS Total_Sales
FROM FactSales f
JOIN DimCustomer c ON f.CustomerKey = c.CustomerKey
GROUP BY c.CustomerName;
```

--3) Store-wise total sales

```
SELECT s.StoreName,
SUM(f.TotalAmount) AS Total_Sales
FROM FactSales f
JOIN DimStore s ON f.StoreKey = s.StoreKey
GROUP BY s.StoreName;
```

--4) Year-wise sales (using date dimension)

```
SELECT d.Year,
SUM(f.TotalAmount) AS Total_Sales
FROM FactSales f
JOIN DimDate d ON f.DateKey = d.DateKey
GROUP BY d.Year;
```

--5) Total sales amount from FactSales

```
SELECT SUM(TotalAmount) AS Total_Sales
FROM FactSales;
```

--6) Total quantity of products sold

```
SELECT SUM(QuantitySold) AS Total_Quantity
FROM FactSales;
```

--7) Product-wise total sales

```
SELECT p.ProductName,
SUM(f.TotalAmount) AS Total_Sales
FROM FactSales f
JOIN DimProduct p ON f.ProductKey = p.ProductKey
GROUP BY p.ProductName;
```

--8) Month-wise sales for year 2025

```
SELECT d.MonthName,
SUM(f.TotalAmount) AS Total_Sales
FROM FactSales f
JOIN DimDate d ON f.DateKey = d.DateKey
WHERE d.Year = 2025
GROUP BY d.MonthName;
```

--9) Total sales made in Chennai

```
SELECT SUM(f.TotalAmount) AS Total_Sales_Chennai
FROM FactSales f
JOIN DimStore s ON f.StoreKey = s.StoreKey
WHERE s.City = 'Chennai';
```

--10) Highest selling product (by total amount)

```
SELECT p.ProductName,
SUM(f.TotalAmount) AS Total_Sales
FROM FactSales f
JOIN DimProduct p ON f.ProductKey = p.ProductKey
GROUP BY p.ProductName
ORDER BY Total_Sales DESC
FETCH FIRST 1 ROW ONLY;
```