

--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 totalsales

```
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-wisesales (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) Totalsales amount from FactSales

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

--6) Totalquantity 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;
```