**Task 6: Sales Trend Analysis Using Aggregations**

1. **Monthly Revenue & Order Volume**

SELECT

EXTRACT(YEAR FROM order\_date) AS year,

EXTRACT(MONTH FROM order\_date) AS month,

SUM(amount) AS monthly\_revenue,

COUNT(DISTINCT order\_id) AS order\_volume

FROM online\_sales

GROUP BY EXTRACT(YEAR FROM order\_date),

EXTRACT(MONTH FROM order\_date)

ORDER BY year, month;

1. **Top 3 Months by Revenue**

SELECT

EXTRACT(YEAR FROM order\_date) AS year,

EXTRACT(MONTH FROM order\_date) AS month,

SUM(amount) AS monthly\_revenue

FROM online\_sales

GROUP BY EXTRACT(YEAR FROM order\_date),

EXTRACT(MONTH FROM order\_date)

ORDER BY monthly\_revenue

DESC LIMIT 3;