Task 6

1) Extract:-

SELECT EXTRACT(MONTH FROM STR_TO_DATE(order_date, '%m/%d/%Y')) AS order_month FROM online sales data(in);

	order_month
•	1
	1
	1
	1
	1
	1
	1
	1
	1
	1
	1
	1
	1
	1
	1

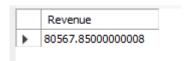
2) Group by:-

SELECT EXTRACT(YEAR FROM STR_TO_DATE(order_date, '%m/%d/%Y')) AS order_year, EXTRACT(MONTH FROM STR_TO_DATE(order_date, '%m/%d/%Y')) AS order_month, COUNT(*) AS total_orders, SUM(Total_revenue) AS total_sales FROM online sales data(in) GROUP BY order_year, order_month ORDER BY order_year, order_month;

	order_year	order_month	total_orders	total_sales
•	2024	1	31	14548.319999999992
	2024	2	29	10803.369999999999
	2024	3	31	12849.239999999996
	2024	4	30	12451.689999999995
	2024	5	31	8455.49
	2024	6	30	7384.549999999998
	2024	7	31	6797.08
	2024	8	27	7278.109999999999

3) Sum():-

select sum(Total_Revenue) AS Revenue from 'online sales data(in)';



4) Count Distinct ID's:-

select distinct(Transaction ID) AS 'Unique ID's' from 'online sales data(in)';

	Unique ID's	
•	10001	
	10002	
	10003	
	10004	
	10005	
	10006	
	10007	
	10008	
	10009	
	10010	
	10011	
	10012	
	10013	
	10014	
	10015	

5) Limit:-

SELECT EXTRACT(YEAR FROM STR_TO_DATE(order_date, '%m/%d/%Y')) AS order_year, EXTRACT(MONTH FROM STR_TO_DATE(order_date, '%m/%d/%Y')) AS order_month, COUNT(*) AS total_orders, SUM(Total_revenue) AS total_sales FROM online sales data(in) WHERE EXTRACT(YEAR FROM STR_TO_DATE(order_date, '%m/%d/%Y')) = 2024 GROUP BY order year, order month ORDER BY order year, order month;

	order_year	order_month	total_orders	total_sales
•	2024	1	31	14548.319999999992
	2024	2	29	10803.369999999999
	2024	3	31	12849.239999999996
	2024	4	30	12451.689999999995
	2024	5	31	8455.49
	2024	6	30	7384.549999999998
	2024	7	31	6797.08
	2024	8	27	7278.109999999999