

# TASK 6: Sales Trend Analysis Using Aggregations

38

39 • `select * from online_sales;`

Result Grid

Filter Rows:

Edit

Export/Import

Wrap Cell Content

	id	order_id	order_date	customer_id	product_id	quantity	unit_price	amount	country	channel
▶	1	ORD-202401-001	2024-01-10 10:15:00	1001	101	1	150.00	150.00	India	web
	2	ORD-202401-002	2024-01-15 11:20:00	1002	102	2	100.00	200.00	India	app
	3	ORD-202401-003	2024-01-20 14:05:00	1003	103	1	75.00	75.00	India	web
	4	ORD-202402-001	2024-02-05 09:30:00	1004	101	2	60.00	120.00	India	web
	5	ORD-202402-002	2024-02-12 17:00:00	1005	104	1	250.00	250.00	India	app
	6	ORD-202402-003	2024-02-18 13:45:00	1006	105	3	100.00	300.00	India	web
	7	ORD-202403-001	2024-03-02 12:10:00	1007	106	5	100.00	500.00	India	web
	8	ORD-202403-002	2024-03-15 15:45:00	1008	102	3	30.00	90.00	India	app
	9	ORD-202403-003	2024-03-25 08:25:00	1009	107	2	20.00	40.00	India	web
	10	ORD-202404-001	2024-04-06 10:05:00	1010	101	1	130.00	130.00	India	web
	11	ORD-202404-002	2024-04-18 16:50:00	1011	108	2	110.00	220.00	India	app
	12	ORD-202404-003	2024-04-22 09:15:00	1012	103	1	80.00	80.00	India	web
	13	ORD-202405-001	2024-05-03 11:30:00	1013	101	4	80.00	320.00	India	web
	14	ORD-202405-002	2024-05-14 13:50:00	1014	109	1	150.00	150.00	India	app
	15	ORD-202405-003	2024-05-28 19:05:00	1015	110	1	75.00	75.00	India	web
	16	ORD-202406-001	2024-06-07 10:40:00	1016	102	2	100.00	200.00	India	web
	17	ORD-202406-002	2024-06-19 14:10:00	1017	106	5	90.00	450.00	India	app
	18	ORD-202406-003	2024-06-29 20:00:00	1018	111	1	60.00	60.00	India	web
•	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

40

41 • `select`

42       `EXTRACT(YEAR FROM order_date) AS year,`

43       `EXTRACT(MONTH FROM order_date) AS month,`

44       `SUM(amount) AS total_revenue,`

45       `COUNT(DISTINCT order_id) AS total_orders`

46     `from online_sales`

47     `group by year, month`

48     `ORDER BY year, month;`

49

50

Result Grid

Filter Rows:

Export




Wrap Cell Content

	year	month	total_revenue	total_orders
▶	2024	1	425.00	3
	2024	2	670.00	3
	2024	3	630.00	3
	2024	4	430.00	3
	2024	5	545.00	3
	2024	6	710.00	3

```

50
51 • SELECT
52     EXTRACT(MONTH FROM order_date) AS month,
53     SUM(amount) AS total_revenue,
54     COUNT(DISTINCT order_id) AS total_orders
55 FROM online_sales
56 WHERE EXTRACT(YEAR FROM order_date) = 2024
57 GROUP BY month
58 ORDER BY month;
59
60





```

Result Grid   Filter Rows: <input type="text"/>				Export: 	Wrap Cell Co
	month	total_revenue	total_orders		
▶	1	425.00	3		
	2	670.00	3		
	3	630.00	3		
	4	430.00	3		
	5	545.00	3		
	6	710.00	3		

```

59
60 • SELECT
61     EXTRACT(YEAR FROM order_date) AS year,
62     EXTRACT(MONTH FROM order_date) AS month,
63     SUM(amount) AS total_revenue,
64     COUNT(DISTINCT order_id) AS total_orders
65 FROM online_sales
66 WHERE order_date BETWEEN '2024-01-01' AND '2024-06-30'
67 GROUP BY year, month
68 ORDER BY year, month
69 LIMIT 6;

```

Result Grid   Filter Rows: <input type="text"/>					Export: 	Wrap Cell Content: 	Fe
	year	month	total_revenue	total_orders			
▶	2024	1	425.00	3			
	2024	2	670.00	3			
	2024	3	630.00	3			
	2024	4	430.00	3			
	2024	5	545.00	3			
	2024	6	710.00	3			