

RESULTS PDF- TASK 6

BY- VANI GOEL

EMAIL ID- vanigoel.110@gmail.com

1. EXTRACT(MONTH FROM order_date)

The screenshot shows a SQL IDE window titled 'task6'. The query editor contains the following SQL code:

```
1 • SELECT * FROM task5.OnlineSales
2 • use task5;
3 • show databases;
4 • show tables;
5 • SELECT * FROM `onlinesales` LIMIT 5;
6 • select* from onlinesales;
7 • SELECT EXTRACT(MONTH FROM `Date`) AS order_month FROM onlinesales LIMIT 10;
8 • describe onlinesales;
```

The 'Result Grid' at the bottom shows the output of the query:

order_month
1
1
1
1
1
1
1
1
1
1
1

2. GROUP BY

The screenshot shows a SQL IDE window titled 'task6'. The query editor contains the following SQL code:

```
9 • SELECT
10 • YEAR(STR_TO_DATE(`Date`, '%Y-%m-%d')) AS order_year,
11 • MONTH(STR_TO_DATE(`Date`, '%Y-%m-%d')) AS order_month,
12 • COUNT(DISTINCT `Transaction ID`) AS order_volume
13 • FROM
14 • onlinesales
15 • GROUP BY
16 • order_year, order_month
17 • ORDER BY
```

The 'Result Grid' at the bottom shows the output of the query:

order_year	order_month	order_volume
2024	1	31
2024	2	29
2024	3	31
2024	4	30
2024	5	31
2024	6	30
2024	7	31
2024	8	27

3. SUM()

task6

```

30 SELECT
31     YEAR(STR_TO_DATE(`Date`, '%Y-%m-%d')) AS order_year,
32     MONTH(STR_TO_DATE(`Date`, '%Y-%m-%d')) AS order_month,
33     SUM(`Total Revenue`) AS monthly_revenue
34 FROM
35     onlinesales
36 GROUP BY
37     order_year, order_month;
38

```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: [IA](#)

	order_year	order_month	monthly_revenue
▶	2024	1	14548.319999999992
	2024	2	10803.369999999999
	2024	3	12849.239999999996
	2024	4	12451.689999999995
	2024	5	8455.49
	2024	6	7384.549999999998
	2024	7	6797.08
	2024	8	7278.109999999999

4. COUNT(DISTINCT order_id)

task6

```

39 -- 3. Monthly Order Volume
40 SELECT
41     YEAR(STR_TO_DATE(`Date`, '%Y-%m-%d')) AS order_year,
42     MONTH(STR_TO_DATE(`Date`, '%Y-%m-%d')) AS order_month,
43     COUNT(DISTINCT `Transaction ID`) AS order_volume
44 FROM
45     onlinesales
46 GROUP BY
47     order_year, order_month;

```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: [IA](#)

	order_year	order_month	order_volume
▶	2024	1	31
	2024	2	29
	2024	3	31
	2024	4	30
	2024	5	31
	2024	6	30
	2024	7	31
	2024	8	27

5. ORDER BY

50	•	SELECT
51		YEAR(STR_TO_DATE(`Date`, '%Y-%m-%d')) AS order_year,
52		MONTH(STR_TO_DATE(`Date`, '%Y-%m-%d')) AS order_month,
53		SUM(`Total Revenue`) AS monthly_revenue
54		FROM
55		onlinesales
56		GROUP BY
57		order_year, order_month
58		ORDER BY

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
order_year	order_month	monthly_revenue	
2024	1	14548.319999999992	
2024	3	12849.239999999996	
2024	4	12451.689999999995	
2024	2	10803.369999999999	
2024	5	8455.49	
2024	6	7384.549999999998	
2024	8	7278.109999999999	
2024	7	6797.08	

6. Limit results for specific time periods

task6	x
64	MONTH(STR_TO_DATE(`Date`, '%Y-%m-%d')) AS order_month,
65	SUM(`Total Revenue`) AS monthly_revenue
66	FROM
67	onlinesales
68	GROUP BY
69	order_year, order_month
70	ORDER BY
71	monthly_revenue DESC
72	LIMIT 6;

Result Grid	Filter Rows:	Export:	Wrap Cell Content:	Fetch rows:
order_year	order_month	monthly_revenue		
2024	1	14548.319999999992		
2024	3	12849.239999999996		
2024	4	12451.689999999995		
2024	2	10803.369999999999		
2024	5	8455.49		
2024	6	7384.549999999998		