

TASK 6

Sales Trend Analysis Using Aggregations

OBJECTIVE: Analyse monthly revenue and order volume

CODE :

```
CREATE DATABASE task6;
```

```
USE task6;
```

```
SELECT
```

```
    YEAR(Date) AS order_year,
```

```
    MONTH(Date) AS order_month,
```

```
    COUNT(DISTINCT `Transaction ID`) AS total_orders,
```

```
    ROUND(SUM(`Total Revenue`), 2) AS total_revenue,
```

```
    SUM(`Units Sold`) AS total_units_sold,
```

```
    ROUND(AVG(`Unit Price`), 2) AS avg_unit_price,
```

```
    COUNT(*) AS total_transactions
```

```
FROM
```

```
    task6
```

```
GROUP BY
```

```
    order_year, order_month
```

```
ORDER BY
```

```
    order_year, order_month;
```

	order_year	order_month	total_orders	total_revenue	total_units_sold	avg_unit_price	total_transactions
▶	2024	1	31	14548.32	68	288.51	31
	2024	2	29	10803.37	77	212.42	29
	2024	3	31	12849.24	82	260.89	31
	2024	4	30	12451.69	65	302.54	30
	2024	5	31	8455.49	60	212	31
	2024	6	30	7384.55	61	213.74	30
	2024	7	31	6797.08	53	177.44	31
	2024	8	27	7278.11	52	221.57	27