```sql
1  ●    CREATE DATABASE IF NOT EXISTS online_sales;
2
3  ●    USE online_sales;
4
5
```

Output

Action Output ▼

	#	Time	Action	Message	Duration / Fetch
✅	1	14:45:12	CREATE DATABASE IF NOT EXISTS online_sales	1 row(s) affected	0.031 sec
✅	2	14:45:30	USE online_sales	0 row(s) affected	0.015 sec

```sql
CREATE TABLE orders (
    order_id VARCHAR(20),
    order_date VARCHAR(10),
    customer_name VARCHAR(255),
    state VARCHAR(100),
    city VARCHAR(100),
    PRIMARY KEY (order_id)
);

SET SQL_SAFE_UPDATES = 0;
```

Result Grid | Filter Rows: | Edit: | Export/Im

order_id	customer_name	state	city	order_date
B-25601	Bharat	Gujarat	Ahmedabad	2018-04-01
B-25602	Vrinda	Maharashtra	Pune	2018-04-01
B-25603	Jahan	Madhya Pradesh	Bhopal	2018-04-03
B-25604	Divsha	Rajasthan	Jaipur	2018-04-03
B-25605	Kasheen	West Bengal	Kolkata	2018-04-05
NULL	NULL	NULL	NULL	NULL

```sql
34  ⊖  CREATE TABLE details (
35         order_id VARCHAR(20),
36         amount DECIMAL(10,2),
37         profit DECIMAL(10,2),
38         quantity INT,
39         category VARCHAR(100),
40         sub_category VARCHAR(100),
41         payment_mode VARCHAR(50)
42     );
43
44  SELECT * FROM details LIMIT 5;
45
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: | Fetch

order_id	amount	profit	quantity	category	sub_category	payment_mode
B-25681	1096.00	658.00	7	Electronics	Electronic Games	COD
B-26055	5729.00	64.00	14	Furniture	Chairs	EMI
B-25955	2927.00	146.00	8	Furniture	Bookcases	EMI
B-26093	2847.00	712.00	8	Electronics	Printers	Credit Card
B-25602	2617.00	1151.00	4	Electronics	Phones	Credit Card

```
60 ●    SELECT
61           o.order_id,
62           o.order_date,
63           d.amount
64       FROM orders o
65       JOIN details d
66           ON o.order_id = d.order_id
67       LIMIT 10;
68
```

Result Grid | Filter Rows:

order_id	order_date	amount
B-25681	2018-06-04	1096.00
B-26055	2018-03-10	5729.00
B-25955	2018-01-16	2927.00
B-26093	2018-03-27	2847.00
B-25602	2018-04-01	2617.00
B-25881	2018-11-25	2244.00
B-25696	2018-06-21	275.00
B-25687	2018-06-11	387.00
B-25643	2018-04-29	50.00
B-25851	2018-11-06	135.00

```sql
70 ● SELECT
71         YEAR(o.order_date) AS year,
72         MONTH(o.order_date) AS month,
73         SUM(d.amount) AS monthly_revenue,
74         COUNT(DISTINCT o.order_id) AS order_volume
75     FROM orders o
76     JOIN details d
77         ON o.order_id = d.order_id
78     GROUP BY year, month
79     ORDER BY year, month;
80
```

Result Grid | Filter Rows: | Export: | Wrap Cell Co

year	month	monthly_revenue	order_volume
2018	1	61632.00	61
2018	2	38962.00	54
2018	3	60694.00	58
2018	4	34330.00	44
2018	5	29093.00	31
2018	6	23658.00	30
2018	7	12966.00	31
2018	8	31492.00	31
2018	9	27283.00	30
2018	10	31613.00	43
2018	11	48469.00	46
2018	12	37579.00	41

```sql
82  ●      SELECT
83             YEAR(o.order_date) AS year,
84             MONTH(o.order_date) AS month,
85             SUM(d.amount) AS monthly_revenue,
86             COUNT(DISTINCT o.order_id) AS order_volume
87         FROM orders o
88         JOIN details d
89             ON o.order_id = d.order_id
90         WHERE o.order_date BETWEEN '2018-01-01' AND '2018-12-31'
91         GROUP BY year, month
92         ORDER BY year, month;
93
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

year	month	monthly_revenue	order_volume
2018	1	61632.00	61
2018	2	38962.00	54
2018	3	60694.00	58
2018	4	34330.00	44
2018	5	29093.00	31
2018	6	23658.00	30
2018	7	12966.00	31
2018	8	31492.00	31
2018	9	27283.00	30
2018	10	31613.00	43
2018	11	48469.00	46
2018	12	37579.00	41

```sql
SELECT
    EXTRACT(YEAR FROM o.order_date) AS year,
    EXTRACT(MONTH FROM o.order_date) AS month,
    SUM(d.amount) AS monthly_revenue,
    COUNT(DISTINCT o.order_id) AS order_volume
FROM orders o
JOIN details d
    ON o.order_id = d.order_id
GROUP BY year, month
ORDER BY year, month;
```

Result Grid | Filter Rows: | Export: | Wrap Cell

year	month	monthly_revenue	order_volume
2018	1	61632.00	61
2018	2	38962.00	54
2018	3	60694.00	58
2018	4	34330.00	44
2018	5	29093.00	31
2018	6	23658.00	30
2018	7	12966.00	31
2018	8	31492.00	31
2018	9	27283.00	30
2018	10	31613.00	43
2018	11	48469.00	46
2018	12	37579.00	41

```sql
105 ●    SELECT
106          EXTRACT(YEAR FROM o.order_date) AS year,
107          EXTRACT(MONTH FROM o.order_date) AS month,
108          SUM(d.amount) AS monthly_revenue,
109          COUNT(DISTINCT o.order_id) AS order_volume,
110          ROUND(SUM(d.amount) / COUNT(DISTINCT o.order_id), 2) AS avg_order_value
111      FROM orders o
112      JOIN details d
113          ON o.order_id = d.order_id
114      GROUP BY year, month
115      ORDER BY year, month;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

year	month	monthly_revenue	order_volume	avg_order_value
2018	1	61632.00	61	1010.36
2018	2	38962.00	54	721.52
2018	3	60694.00	58	1046.45
2018	4	34330.00	44	780.23
2018	5	29093.00	31	938.48
2018	6	23658.00	30	788.60
2018	7	12966.00	31	418.26
2018	8	31492.00	31	1015.87
2018	9	27283.00	30	909.43
2018	10	31613.00	43	735.19
2018	11	48469.00	46	1053.67
2018	12	37579.00	41	916.56