Limit to 1000 rows

```
 8    #Join Orders with Order Details:
 9
10  • SELECT *
11    FROM orders o
12    JOIN order_details od ON o.order_id = od.order_id;
13
14
```

Jump to

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

order_id	date	time	order_details_id	order_id	pizza_id	quantity
1	2015-01-01	11:38:36	1	1	hawaiian_m	1
2	2015-01-01	11:57:40	2	2	classic_dlx_m	1
2	2015-01-01	11:57:40	3	2	five_cheese_l	1
2	2015-01-01	11:57:40	4	2	ital_supr_l	1
2	2015-01-01	11:57:40	5	2	mexicana_m	1
2	2015-01-01	11:57:40	6	2	thai_ckn_l	1
3	2015-01-01	12:12:28	7	3	ital_supr_m	1
3	2015-01-01	12:12:28	8	3	prsc_argla_l	1
4	2015-01-01	12:16:31	9	4	ital_supr_m	1
5	2015-01-01	12:21:30	10	5	ital_supr_m	1
6	2015-01-01	12:29:36	11	6	bbq_ckn_s	1
6	2015-01-01	12:29:36	12	6	the_greek_s	1

Result Grid Form Editor Field Types

Result 6 ✕

Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 36	19:32:23	SELECT * FROM orders o JOIN order_details od ON o.order_id = od.order_id JOIN pizzas p ON od.pizza_id = ...	1000 row(s) returned	0.000 sec / 0.000 sec
✗ 37	19:33:44	SELECT EXTRACT(MONTH FROM date) AS month FROM orders_details LIMIT 0, 1000	Error Code: 1146. Table 'shraddhadb.orders_details' doesn't exist	0.000 sec
✗ 38	19:33:58	SELECT EXTRACT(MONTH FROM date) AS month FROM order_details LIMIT 0, 1000	Error Code: 1054. Unknown column 'date' in 'field list'	0.000 sec
✓ 39	19:34:20	SELECT EXTRACT(MONTH FROM date) AS month FROM orders LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
✓ 40	19:37:03	SELECT EXTRACT(MONTH FROM date) AS month FROM orders LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
✓ 41	19:37:38	SELECT * FROM orders o JOIN order_details od ON o.order_id = od.order_id LIMIT 0, 1000	1000 row(s) returned	0.016 sec / 0.016 sec

```
11      FROM orders o
12      JOIN order_details od ON o.order_id = od.order_id;
13
14      #  Join with Pizza Prices:
15
16  •   SELECT *
17      FROM orders o
18      JOIN order_details od ON o.order_id = od.order_id
19      JOIN pizzas p ON od.pizza_id = p.pizza_id;
20
```

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

order_id	date	time	order_details_id	order_id	pizza_id	quantity	pizza_id	pizza_type_id	size	price
1	2015-01-01	11:38:36	1	1	hawaiian_m	1	hawaiian_m	hawaiian	M	13.25
2	2015-01-01	11:57:40	6	2	thai_ckn_l	1	thai_ckn_l	thai_ckn	L	20.75
2	2015-01-01	11:57:40	5	2	mexicana_m	1	mexicana_m	mexicana	M	16
2	2015-01-01	11:57:40	4	2	ital_supr_l	1	ital_supr_l	ital_supr	L	20.75
2	2015-01-01	11:57:40	3	2	five_cheese_l	1	five_cheese_l	five_cheese	L	18.5
2	2015-01-01	11:57:40	2	2	classic_dlx_m	1	classic_dlx_m	classic_dlx	M	16
3	2015-01-01	12:12:28	8	3	prsc_argla_l	1	prsc_argla_l	prsc_argla	L	20.75
3	2015-01-01	12:12:28	7	3	ital_supr_m	1	ital_supr_m	ital_supr	M	16.5
4	2015-01-01	12:16:31	9	4	ital_supr_m	1	ital_supr_m	ital_supr	M	16.5
5	2015-01-01	12:21:30	10	5	ital_supr_m	1	ital_supr_m	ital_supr	M	16.5
6	2015-01-01	12:29:36	12	6	the_greek_s	1	the_greek_s	the_greek	S	12
6	2015-01-01	12:29:36	11	6	bbq_ckn_s	1	bbq_ckn_s	bbq_ckn	S	12.75
7	2015-01-01	12:50:37	13	7	spinach_supr_s	1	spinach_supr_s	spinach_supr	S	12.5
8	2015-01-01	12:51:37	14	8	spinach_supr_s	1	spinach_supr_s	spinach_supr	S	12.5
9	2015-01-01	12:52:01	23	9	veggie_veg_s	1	veggie_veg_s	veggie_veg	S	12
9	2015-01-01	12:52:01	22	9	spin_pesto_l	1	spin_pesto_l	spin_pesto	L	20.75
9	2015-01-01	12:52:01	21	9	spicy_ital_l	1	spicy_ital_l	spicy_ital	L	20.75
9	2015-01-01	12:52:01	20	9	mexicana_s	1	mexicana_s	mexicana	S	12

Result
Grid

Form
Editor

Field
Types

Query
Stats

Execution
Plan

```
19     JOIN pizzas p ON od.pizza_id = p.pizza_id;

20

21     #Calculate Revenue (quantity * price):

22

23  •  SELECT EXTRACT(MONTH FROM date) AS month,
24         quantity * price AS revenue
25     FROM orders o
26     JOIN order_details od ON o.order_id = od.order_id
27     JOIN pizzas p ON od.pizza_id = p.pizza_id;
28
29
```

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

month	revenue
1	13.25
1	20.75
1	16
1	20.75
1	18.5
1	16
1	20.75
1	16.5
1	16.5
1	16.5
1	12
1	12.75
1	12.5
1	12.5
1	12
1	20.75
1	20.75
1	12

Result Grid | Form Editor | Field Types | Query Stats | Execution Plan

```sql
# Sum Revenue by Month:

SELECT EXTRACT(MONTH FROM date) AS month,
       SUM(quantity * price) AS total_revenue
FROM orders o
JOIN order_details od ON o.order_id = od.order_id
JOIN pizzas p ON od.pizza_id = p.pizza_id
GROUP BY month
ORDER BY month;
```

month	total_revenue
1	69793.2999999999
2	65159.599999999955
3	70397.09999999987
4	68736.79999999993
5	71402.74999999984
6	68230.19999999988
7	72557.89999999989
8	68278.2499999999
9	64180.04999999993
10	64027.59999999991
11	70395.3499999999
12	64701.149999999885

```sql
#Extract Month from Date:

SELECT EXTRACT(MONTH FROM date) AS month
FROM orders;

# Count Unique Order IDs:

SELECT COUNT(DISTINCT order_id) AS total_orders
FROM orders;
```

total_orders
21350

```
46
47 ●   SELECT COUNT(DISTINCT order_id) AS total_orders
48      FROM orders;
49
50      # Group Orders by Month:
51
52 ●   SELECT EXTRACT(MONTH FROM date) AS month,
53          COUNT(DISTINCT order_id) AS total_orders
54      FROM orders
55      GROUP BY month;
56
```

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

mont	total_orders
1	1845
2	1685
3	1840
4	1799
5	1853
6	1773
7	1935
8	1841
9	1661
10	1646
11	1792
12	1680

```sql
54        FROM orders
55        GROUP BY month;
56
57        # Sort by Month:
58
59  •     SELECT EXTRACT(MONTH FROM date) AS month,
60               COUNT(DISTINCT order_id) AS total_orders
61        FROM orders
62        GROUP BY month
63        ORDER BY month;
64
```

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

mont	total_orders
1	1845
2	1685
3	1840
4	1799
5	1853
6	1773
7	1935
8	1841
9	1661
10	1646
11	1792
12	1680

```sql
65
66 ●  SELECT pt.name,
67          SUM(quantity) AS total_qty
68  FROM order_details od
69  JOIN pizzas p ON od.pizza_id = p.pizza_id
70  JOIN pizza_types pt ON p.pizza_type_id = pt.pizza_type_id
71  GROUP BY pt.name
72  ORDER BY total_qty DESC
73  LIMIT 5;
74
75
```

Limit to 1000 rows

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

name	total_qty
The Classic Deluxe Pizza	2453
The Barbecue Chicken Pizza	2432
The Hawaiian Pizza	2422
The Pepperoni Pizza	2418
The Thai Chicken Pizza	2371

Result Grid

Form Editor

Field Types

Query Stats

Execution Plan

Limit to 1000 rows

```sql
75
76    #Top 5 Pizzas by Revenue
77  • SELECT pt.name,
78          SUM(quantity * price) AS revenue
79    FROM order_details od
80    JOIN pizzas p ON od.pizza_id = p.pizza_id
81    JOIN pizza_types pt ON p.pizza_type_id = pt.pizza_type_id
82    GROUP BY pt.name
83    ORDER BY revenue DESC
84    LIMIT 5;
85
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: $\overline{IA}$ | Fetch rows:

name	revenue
The Thai Chicken Pizza	43434.25
The Barbecue Chicken Pizza	42768
The California Chicken Pizza	41409.5
The Classic Deluxe Pizza	38180.5
The Spicy Italian Pizza	34831.25

Result Grid

Form Editor

Field Types

Query Stats

Execution Plan

```sql
84        LIMIT 5;
85
86        #  Revenue by Pizza Category
87    •   SELECT pt.category,
88               SUM(quantity * price) AS total_revenue
89        FROM order_details od
90        JOIN pizzas p ON od.pizza_id = p.pizza_id
91        JOIN pizza_types pt ON p.pizza_type_id = pt.pizza_type_id
92        GROUP BY pt.category;
93
94
```

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

category	total_revenue
Classic	220053.1000000001
Veggie	193690.45000000298
Supreme	208196.99999999822
Chicken	195919.5