

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

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- learning1
- mysql\_tutorial\_aug
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- pizzahut
  - Tables
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Administration Schemas

SQL File 16\* pizzas pizza\_types orders SQL File 17\* SQL File 18

Limit to 1000 rows

```
1 -- Retrieve the total number of orders placed
2 • select count(order_id) as total_orders_till_now from orderss;
3
```

Result Grid

total_orders_till_now
21350

SQLAdditions

Automatic context help disabled. Use the toolbar manually get help for the current caret position or toggle automatic help.

Read Only Context Help Snippets

Output

#	Time	Action	Message	Duration / Fetch
132	20:35:56	SHOW COLUMNS FROM 'pizzahut'.orders_details	OK	0.000 sec
133	20:36:05	PREPARE stmt FROM 'INSERT INTO 'pizzahut'.orders_details' ('order_details_id','order_id','pizz_id','quantit...	OK	0.000 sec
134	20:44:26	DEALLOCATE PREPARE stmt	OK	0.000 sec
135	20:46:05	SELECT * FROM pizzahut.orders_details LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
136	20:50:28	select count(order_id) from orderss LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
137	20:50:50	select count(order_id) as total_orders_till_now from orderss LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

Table: orderss\_details

Columns:

Column	Type	PK
order_details_id	int	PK
order_id	int	
pizz_id	varchar	
quantity	int	

Object Info Session

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigation: pizzas pizza\_types orders SQL File 17\* SQL File 18\*

CHEMAS

Filter objects

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mysql\_tutorial\_aug  
Tables  
Views  
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prac7  
pizzahut  
Tables  
orders  
orders\_details  
Columns  
order\_details  
order\_id  
pizz\_id  
quantity  
Indexes  
Foreign Keys

Administration Schemas

SQL File 16\*

Limit to 1000 rows

1 -- calculate the total revenue generated from pizzasales.  
2 use pizzahut;  
3 SELECT  
4 ROUND(SUM(orders\_details.quantity \* pizzas.price),  
5 2) AS total\_sales  
6 FROM  
7 orders\_details  
8 JOIN  
9 pizzas ON pizzas.pizza\_id = orders\_details.pizz\_id

Result Grid  
total\_sales  
817860.05

Result 2

Read Only Context Help Snippets

Output

#	Time	Action	Message	Duration / Fetch
141	20:54:55	select (orders_details.quantity*pizzas price) as total_sales from order_details join pizzas on pizzas.pizza_id = or...	Error Code: 1146. Table 'pizzahut.order_details' doesn't exist	0.000 sec
142	20:55:23	select (orders_details.quantity*pizzas price) as total_sales from order_details join pizzas on pizzas.pizza_id = or...	Error Code: 1146. Table 'pizzahut.order_details' doesn't exist	0.000 sec
143	20:55:31	select (orders_details.quantity*pizzas price) as total_sales from order_details join pizzas on pizzas.pizza_id = or...	Error Code: 1146. Table 'pizzahut.order_details' doesn't exist	0.000 sec
144	20:55:41	select (orders_details.quantity*pizzas price) as total_sales from orders_details join pizzas on pizzas.pizza_id = ...	Error Code: 1054. Unknown column 'orders_details.pizza_id' in 'on clause'	0.000 sec
145	20:56:14	select (orders_details.quantity*pizzas price) as total_sales from orders_details join pizzas on pizzas.pizza_id = ...	1000 row(s) returned	0.000 sec / 0.000 sec
146	20:56:39	select round(sum(orders_details.quantity*pizzas price),2) as total_sales from orders_details join pizzas on pizz...	1 row(s) returned	0.047 sec / 0.000 sec

Automatic context help disabled. Use the toolbar manually get help for the current caret position or toggle automatic help

Local instance: mySQLou

Edit View Query Database Server Tools Scripting Help

SQL File 16\* pizzas pizza\_types orderss SQL File 17\* SQL File 18\* SQL File 19\*

Limit to 1000 rows

```
1 -- Identify the highest prized pizza
2
3 * select pizza_types.name,pizzas.price
4 from pizza_types join pizzas
5 on pizza_types.pizza_type_id = pizzas.pizza_type_id
6 order by pizzas.price desc limit 1;
```

Result Grid

name	price
The Greek Pizza	35.95

Schema: pizzahut

Output

#	Time	Action	Message	Duration / Fetch
144	20:55:41	select (orderss_details.quantity*pizzas.price) as total_sales from orderss_details join pizzas on pizzas.pizza_id = ...	Error Code: 1054. Unknown column 'orderss_details.pizza_id' in 'on clause'	0.000 sec
145	20:56:14	select (orderss_details.quantity*pizzas.price) as total_sales from orderss_details join pizzas on pizzas.pizza_id = ...	1000 row(s) returned	0.000 sec / 0.000 sec
146	20:56:39	select round(sum(orderss_details.quantity*pizzas.price),2) as total_sales from orderss_details join pizzas on pizz...	1 row(s) returned	0.047 sec / 0.000 sec
147	20:59:25	select pizza_types.name,pizzas price from pizza_types join pizzas on pizza_types.pizza_type_id = pizzas.pizza_t...	96 row(s) returned	0.000 sec / 0.000 sec
148	20:59:51	select pizza_types.name,pizzas price from pizza_types join pizzas on pizza_types.pizza_type_id = pizzas.pizza_t...	96 row(s) returned	0.000 sec / 0.000 sec
149	21:00:13	select pizzas.name,pizzas price from pizzas join pizzas on pizzas.pizza_id = pizzas.pizza_id	1 row(s) returned	0.000 sec / 0.000 sec

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Navigator: SQL File 16\* pizzas pizza\_types orderss SQL File 17\* SQL File 18\* SQL File 19\* SQL File 20\* x

SCHEMAS

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- mysql\_tutorial\_self
- pract7
- pizzahut**
  - Tables
    - orders
    - orders\_details
      - Columns
        - order\_details
        - order\_id
        - pizz\_id
        - quantity
    - Indexes

Administration Schemas

Information

Schema: pizzahut

SQL File 20\* x

```
6 • SELECT
7     pizzas.size,
8     COUNT(orderss_details.order_details_id) AS order_count
9 FROM
10    pizzas
11    JOIN
12    orderss_details ON pizzas.pizza_id = orderss_details.pizz_id
13 GROUP BY pizzas.size
14 ORDER BY order_count DESC;
```

Result Grid

	size	order_count
▶	L	18526
	M	15385
	S	14137
	XL	544
	XXL	28

Result 3 x

Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 149	21:00:13	select pizza_types.name,pizzas.price from pizza_types join pizzas on pizza_types.pizza_type_id = pizzas.pizza_id...	1 row(s) returned	0.000 sec / 0.000 sec
✓ 150	21:02:08	select quantity.count(order_details_id) from orderss_details group by quantity LIMIT 0, 1000	4 row(s) returned	0.031 sec / 0.000 sec
✗ 151	21:04:37	select pizzas size, count(orderss_details.order_details_id) from pizzas join orderss_details on pizzas.pizza_id=or...	Error Code: 1054. Unknown column 'orderss_details.pizza_id' in 'on clause'	0.016 sec
✗ 152	21:04:41	select pizzas size, count(orderss_details.order_details_id) from pizzas join orderss_details on pizzas.pizza_id=or...	Error Code: 1054. Unknown column 'orderss_details.pizza_id' in 'on clause'	0.000 sec
✓ 153	21:04:58	select pizzas size, count(orderss_details.order_details_id) from pizzas join orderss_details on pizzas.pizza_id=or...	5 row(s) returned	0.062 sec / 0.000 sec
✓ 154	21:05:28	select pizzas size, count(orderss_details.order_details_id) as order_count from pizzas join orderss_details on piz...	5 row(s) returned	0.078 sec / 0.000 sec

File Edit View Query Database Server Tools Scripting Help

Navigator: SQL File 16\* pizzas pizza\_types orders SQL File 17\* SQL File 18\* SQL File 19\* SQL File 20\* SQL File 21\* x SQLAdditions

SCHEMAS Filter objects

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- mysql\_tutorial\_sug
  - Tables
  - Views
  - Stored Procedures
  - Functions
- mysql\_tutorial\_self
- prac7
- pizzahut**
  - Tables
    - orders
    - orders\_details
      - Columns
        - order\_details
        - order\_id
        - pizz\_id
        - quantity
    - Indexes

Administration Schemas

Information

Schema: pizzahut

```
1 -- List the 5 most ordered pizza types along with their quantities.alter
2
3 * select pizza_types.name,
4     sum(orderss_details.quantity) as quantity
5 from pizza_types join pizzas
6 on pizza_types.pizza_type_id = pizzas.pizza_type_id
7 join orderss_details
8 on orderss_details.pizz_id = pizzas.pizza_id
```

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

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

Result 2 x Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
151	21:04:37	select pizzas.size, count(orders_details.order_details_id) from pizzas join orderss_details on pizzas.pizza_id=or...	Error Code: 1054. Unknown column 'orders_details.pizza_id' in 'on clause'	0.016 sec
152	21:04:41	select pizzas.size, count(orders_details.order_details_id) from pizzas join orderss_details on pizzas.pizza_id=or...	Error Code: 1054. Unknown column 'orders_details.pizza_id' in 'on clause'	0.000 sec
153	21:04:58	select pizzas.size, count(orders_details.order_details_id) from pizzas join orderss_details on pizzas.pizza_id=or...	5 row(s) returned	0.062 sec / 0.000 sec
154	21:05:28	select pizzas.size, count(orders_details.order_details_id) as order_count from pizzas join orderss_details on piz...	5 row(s) returned	0.078 sec / 0.000 sec
155	21:10:10	select pizza_types.name, sum(orderss_details.quantity) from pizza_types join pizzas on pizza_types.pizza_type_j...	32 row(s) returned	0.109 sec / 0.000 sec
156	21:10:44	select pizza_types.name, sum(orderss_details.quantity) as quantity from pizza_types join pizzas on pizza_types...	5 row(s) returned	0.109 sec / 0.000 sec

Object Info Session

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

CHEMAS

Filter objects

Tables

Views

Stored Procedures

Functions

learning1

mysql\_tutorial\_aug

Tables

Views

Stored Procedures

Functions

mysql\_tutorial\_saf

prac7

**pizzahut**

Tables

orders

orders\_details

Columns

order\_details

order\_id

pizz\_id

quantity

Indexes

Administration

Schemas

Information

Schema: **pizzahut**

Object Info

Session

SQL File 16\*

pizzas

pizza\_types

orderss

SQL File 17\*

SQL File 18\*

SQL File 19\*

SQL File 20\*

SQL File 21\*

**SQL File 22\***

SQLAdditions

Limit to 1000 rows

SQL Editor

```
1 -- join the necessary tables to find the total quantity of each pizza category.
2
3 SELECT
4     pizza_types.category,
5     SUM(orderss_details.quantity) AS quantity
6 FROM
7     pizza_types
8     JOIN
9     pizzas ON pizza_types.pizza_type_id = pizzas.pizza_type_id
10    JOIN
11    orderss_details ON orderss_details.pizz_id = pizzas.pizza_id
```

Result Grid

Filter Rows:

Export

Wrap Cell Content: **IA**

category	quantity
Classic	14888
Supreme	11987
Veggie	11649
Chicken	11050

Result Grid

Form Editor

Read Only

Context Help

Snippets

Output

Result 1 x

Message

Duration / Fetch

#	Time	Action	Message	Duration / Fetch
152	21:04:41	select pizzas size, count(orderss_details.order_details_id) from pizzas join orderss_details on pizzas.pizza_id=or...	Error Code: 1054. Unknown column 'orderss_details.pizza_id' in 'on clause'	0.000 sec
153	21:04:58	select pizzas size, count(orderss_details.order_details_id) from pizzas join orderss_details on pizzas.pizza_id=or...	5 row(s) returned	0.062 sec / 0.000 sec
154	21:05:28	select pizzas size, count(orderss_details.order_details_id) as order_count from pizzas join orderss_details on piz...	5 row(s) returned	0.078 sec / 0.000 sec
155	21:10:10	select pizza_types name, sum(orderss_details.quantity) from pizza_types join pizzas on pizza_types.pizza_type_i...	32 row(s) returned	0.109 sec / 0.000 sec
156	21:10:44	select pizza_types name, sum(orderss_details.quantity) as quantity from pizza_types join pizzas on pizza_types...	5 row(s) returned	0.109 sec / 0.000 sec
157	21:15:49	select pizza_types.category, sum(orderss_details.quantity) as quantity from pizza_types join pizzas on pizza_typ...	4 row(s) returned	0.093 sec / 0.000 sec



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SCHMAS Filter objects

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- mysql\_tutorial\_self
- pract
- pizzahut**
  - Tables
    - orderss
    - orderss\_details
      - Columns
        - order\_details
        - order\_id
        - pizz\_id
        - quantity
    - Indexes

Administration Schemas

Schema: pizzahut

SQL File 23\* x

```
1 -- Determine the distrubution of orders by hour of the day.
2
3 SELECT
4     HOUR(order_time), COUNT(order_id)
5 FROM
6     orderss
7 GROUP BY HOUR(order_time);
```

Result Grid Filter Rows: Export: Wrap Cell Content: 15

hour(order_time)	count(order_id)
11	1231
12	2520
13	2455
14	1472
15	1468
16	1920
17	2336
18	2399
19	2009

Read Only Context Help Snippets

Output

#	Time	Action	Message	Duration / Fetch
✓ 153	21:04:58	select pizzas size, count(orderss_details order_details_id) from pizzas join orderss_details on pizzas pizza_id=or...	5 row(s) returned	0.062 sec / 0.000 sec
✓ 154	21:05:28	select pizzas size, count(orderss_details order_details_id) as order_count from pizzas join orderss_details on piz...	5 row(s) returned	0.078 sec / 0.000 sec
✓ 155	21:10:10	select pizza_types.name, sum(orderss_details quantity) from pizza_types join pizzas on pizza_types.pizza_type_j...	32 row(s) returned	0.109 sec / 0.000 sec
✓ 156	21:10:44	select pizza_types.name, sum(orderss_details quantity) as quantity from pizza_types join pizzas on pizza_types...	5 row(s) returned	0.109 sec / 0.000 sec
✓ 157	21:15:49	select pizza_types.category, sum(orderss_details quantity) as quantity from pizza_types join pizzas on pizza_typ...	4 row(s) returned	0.093 sec / 0.000 sec
✓ 158	21:18:25	select hour(order_time), count(order_id) from orderss group by hour(order_time) LIMIT 0, 1000	15 row(s) returned	0.015 sec / 0.000 sec

File Edit View Query Database Server Tools Scripting Help

SQL File 16\* pizzas pizza\_types orders SQL File 17\* SQL File 18\* SQL File 19\* SQL File 20\* SQL File 21\* SQL File 22\* SQL File 23\* SQL File 24\*

Limit to 1000 rows

```
1 -- Join the relevant tables to find the category wise distribution of pizzas.
2
3 * select category, count(name) from pizza_types
4 group by category
```

Result Grid

category	count(name)
Chicken	6
Classic	8
Supreme	9
Veggie	9

Schema: pizzahut

Result 1 x

Output

#	Time	Action	Message	Duration / Fets
154	21:05:28	select pizzas.size, count(orders_details.order_details_id) as order_count from pizzas join orders_details on pizzas	5 row(s) returned	0.076 sec / 0
155	21:10:10	select pizza_types.name, sum(orders_details.quantity) from pizza_types join pizzas on pizza_types.pizza_type...	32 row(s) returned	0.109 sec / 0
156	21:10:44	select pizza_types.name, sum(orders_details.quantity) as quantity from pizza_types join pizzas on pizza_types...	5 row(s) returned	0.109 sec / 0
157	21:15:49	select pizza_types.category, sum(orders_details.quantity) as quantity from pizza_types join pizzas on pizza_t...	4 row(s) returned	0.093 sec / 0



File Edit View Query Database Server Tools Scripting Help

Navigator: zaa pizza\_types orderss SQL File 17\* SQL File 18\* SQL File 19\* SQL File 20\* SQL File 21\* SQL File 22\* SQL File 23\* SQL File 24\* SQL File 25\*

Filter objects

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- mysql\_tutorial\_avg
- Tables
- Views
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- prac7
- pizzahut
  - Tables
    - orderss
    - orderss\_details
      - Columns
        - order\_details
        - order\_id
        - pizz\_id
        - quantity
  - Indexes

Schema: pizzahut

SQL File 25\*

```
1 -- Group the orders by date and calculate the average number of pizzas ordered per day.
2 * SELECT
3     ROUND(AVG(quantity), 0)
4 FROM
5     (SELECT
6         orderss.order_date,
7         SUM(orderss_details.quantity) AS quantity
8     FROM
9         orderss
10    JOIN orderss_details ON orderss.order_id = orderss_details.order_id
11    GROUP BY orderss.order_date) AS order_quantity;
```

Result Grid

round(avg(quantity),0)
138

Result 1 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 158	21:18:25	select hour(order_time), count(order_id) from orderss group by hour(order_time) LIMIT 0, 1000	15 row(s) returned	0.015 sec / 0.000 sec
✓ 159	21:22:59	select category.count(name) from pizza_types group by category LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
✗ 160	21:27:06	(select orders.order_date, sum(orderss_details.quantity) as quantity from orderss join order_details on orderss.o...	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL se...	0.000 sec
✗ 161	21:27:33	(select orderss.order_date, sum(orderss_details.quantity) as quantity from orderss join order_details on orderss.o...	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL se...	0.000 sec
✗ 162	21:28:19	select round(avg(quantity),0) from (select orderss.order_date, sum(orderss_details.quantity) as quantity from ord...	Error Code: 1146. Table 'pizzahut.order_details' doesn't exist	0.000 sec
✓ 163	21:28:40	select round(avg(quantity),0) from (select orderss.order_date, sum(orderss_details.quantity) as quantity from ord...	1 row(s) returned	0.047 sec / 0.000 sec

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Navigation: SQL File 17\* SQL File 18\* SQL File 19\* SQL File 20\* SQL File 21\* SQL File 22\* SQL File 23\* SQL File 24\* SQL File 25\* SQL File 26\*

Limit to 1000 rows

SQL File 26\*

SQL Additions

Jump to

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SCHEMAS

Filter objects

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- mysql\_tutorial\_ug
- Tables
- Views
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- Functions
- mysql\_tutorial\_self
- prac7
- pizzahut**
  - Tables
    - orders
    - orders\_details
      - Columns
        - order\_details
        - order\_id
        - pizz\_id
        - quantity
    - Indexes

Administration Schemas

Information

Schema: **pizzahut**

```
1 -- Determine the top 3 most ordered pizz types based on revenue.
2
3
4 * select pizza_types.name,
5    sum(orderss_details.quantity*pizzas.price) as revenue from
6    pizza_types join pizzas
7    on pizzas.pizza_type_id=pizza_types.pizza_type_id
8    join orderss_details
9    on orderss_details.pizz_id = pizzas.pizza_id
10   group by pizza_types.name order by revenue desc limit 3;
```

Result Grid

name	revenue
The Thai Chicken Pizza	43434.25
The Barbecue Chicken Pizza	42768
The California Chicken Pizza	41409.5

Result 1 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
159	21:22:59	select category.count(name) from pizza_types group by category LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
160	21:27:06	(select orders.order_date, sum(orders_details.quantity) as quantity from orders join order_details on orders.o...	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL se...	0.000 sec
161	21:27:33	(select orders.order_date, sum(orders_details.quantity) as quantity from orders join order_details on orders.o...	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL se...	0.000 sec
162	21:28:19	select round(avg(quantity),0) from (select orders.order_date, sum(orders_details.quantity) as quantity from ord...	Error Code: 1146. Table 'pizzahut.order_details' doesn't exist	0.000 sec
163	21:28:50	select round(avg(quantity),0) from (select orders.order_date, sum(orders_details.quantity) as quantity from ord...	1 row(s) returned	0.047 sec / 0.000 sec
164	21:42:36	select pizza_types.name, sum(orders_details.quantity*pizzas.price) as revenue from pizza_types join pizzas on ...	3 row(s) returned	0.093 sec / 0.000 sec

Object Info Session

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator: Local instance MySQL80 x

SCHEMAS

Filter objects

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        - order\_details
        - order\_id
        - pizz\_id
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    - Foreign Keys
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Administration Schemas

Information

Schema: pizzahut

SQL File 17\* SQL File 18\* SQL File 19\* SQL File 20\* SQL File 21\* SQL File 22\* SQL File 23\* SQL File 24\* SQL File 25\* SQL File 26\* SQL File 27\* x

Limit to 1000 rows

```
8 FROM
9     orders_details
10     JOIN
11     pizzas ON pizzas.pizza_id = orders_details.pizz_id)) * 100,
12     2) AS revenue
13 FROM
14     pizza_types
15     JOIN
16     pizzas ON pizza_types.pizza_type_id = pizzas.pizza_type_id
17     JOIN
18     orders_details ON orders_details.pizz_id = pizzas.pizza_id
19 GROUP BY pizza_types.category
20 ORDER BY revenue DESC;
```

Result Grid

category	revenue
Classic	26.91
Supreme	25.46
Chicken	23.96
Veggie	23.68

Result 3 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
164	21:42:36	select pizza_types.name, sum(orders_details.quantity*pizzas.price) as revenue from pizza_types join pizzas on ...	3 row(s) returned	0.093 sec / 0.000 sec
165	21:57:47	select pizza_types.category, sum(orders_details.quantity*pizzas.price) as revenue from pizza_types join pizzas ...	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL se...	0.000 sec
166	21:58:03	select pizza_types.category, sum(orders_details.quantity*pizzas.price) as revenue from pizza_types join pizzas ...	Error Code: 1055. Expression #1 of SELECT list is not in GROUP BY clause and contains nonaggregated colu...	0.000 sec
167	21:58:51	select pizza_types.category, sum(orders_details.quantity*pizzas.price) as revenue from pizza_types join pizzas ...	4 row(s) returned	0.079 sec / 0.000 sec
168	22:03:18	select pizza_types.category, (sum(orders_details.quantity*pizzas.price) / (select round(sum(orders_details.qua...	4 row(s) returned	0.125 sec / 0.000 sec
169	22:04:02	select pizza_types.category, round((sum(orders_details.quantity*pizzas.price) / (select round(sum(orders_deta...	4 row(s) returned	0.125 sec / 0.000 sec

Object Info Session

Automatic context help disabled. Use the toolbar manually get help for the current caret position or toggle automatic help.

Local instance MySQL80 x

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Limit to 1000 rows

```
1 -- analyze the cumulative revenue generated over time.
2 select order_date,
3 sum(revenue) over (order by order_date) as cumulative_rev
4 from
5 (select orders.order_date,
6 sum(orders_details.quantity*pizzas.price)as revenue
7 from orders_details join pizzas
8 on orders_details.pizz_id=pizzas.pizza_id
9 join orders
10 on orders.order_id=orders_details.order_id
11 group by orders.order_date) as sales;
```

Result Grid

order_date	cumulative_rev
2015-01-01	2713.8500000000004
2015-01-02	5445.75
2015-01-03	8108.15
2015-01-04	9863.6
2015-01-05	11929.55

Schema: pizzahut

Output

#	Time	Action	Message	Duration / Fetch
169	22:04:02	select pizza_types.category, round(sum(orders_details.quantity*pizzas.price) / (select round(sum(orders_details.quantity*pizzas.price) from orders_details join pizzas on orders_details.pizz_id=pizzas.pizza_id group by orders.order_date) as revenue from orders_details join pizzas on orders_details.pizz_id=pizzas.pizza_id group by orders.order_date) as cumulative_rev from (select orders.order_date, sum(orders_details.quantity*pizzas.price)as revenue from orders_details join pizzas on orders_details.pizz_id=pizzas.pizza_id group by orders.order_date) as sales;	4 row(s) returned	0.125 sec / 0.000 sec
170	22:09:17	select orders.order_date, sum(orders_details.quantity*pizzas.price)as revenue from orders_details join pizzas on orders_details.pizz_id=pizzas.pizza_id group by orders.order_date;	Error Code: 1054. Unknown column 'orders.order_date' in 'group statement'	0.000 sec
171	22:09:32	select orders.order_date, sum(orders_details.quantity*pizzas.price)as revenue from orders_details join pizzas on orders_details.pizz_id=pizzas.pizza_id group by orders.order_date;	358 row(s) returned	0.094 sec / 0.000 sec
172	22:11:00	select order_date, sum(revenue) over (order by order_date) as cumulative_rev from (select orders.order_date, sum(orders_details.quantity*pizzas.price)as revenue from orders_details join pizzas on orders_details.pizz_id=pizzas.pizza_id group by orders.order_date) as sales;	358 row(s) returned	0.093 sec / 0.000 sec
173	22:11:27	select order_date, round(sum(revenue) over (order by order_date) as cumulative_rev,2) from (select orders.order_date, sum(orders_details.quantity*pizzas.price)as revenue from orders_details join pizzas on orders_details.pizz_id=pizzas.pizza_id group by orders.order_date) as sales;	Error Code: 1583. Incorrect parameters in the call to native function 'round'	0.000 sec
174	22:12:14	select order_date, sum(revenue) over (order by order_date) as cumulative_rev from (select orders.order_date, sum(orders_details.quantity*pizzas.price)as revenue from orders_details join pizzas on orders_details.pizz_id=pizzas.pizza_id group by orders.order_date) as sales;	358 row(s) returned	0.079 sec / 0.000 sec

Object Info Session

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Local instance MySQL80

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SQL File 19\* SQL File 20\* SQL File 21\* SQL File 22\* SQL File 23\* SQL File 24\* SQL File 25\* SQL File 26\* SQL File 27\* SQL File 28\* SQL File 29\*

Limit to 1000 rows

```
1 -- Determine the top 3 most ordered pizza types based on revenue for each pizza category.
2 select name,revenue from
3 (select category,name,rcrevenue,
4 rank() over (partition by category order by revenue desc) as rn
5 from
6 (select pizza_types.category, pizza_types.name,
7 sum((orders_details.quantity)*pizzas.price) as revenue
8 from pizza_types join pizzas
9 on pizza_types.pizza_type_id=pizzas.pizza_type_id
10 join orders_details
11 on orders_details.pizz_id = pizzas.pizza_id
12 group by pizza_types.category,pizza_types.name) as a) as b
13 where rn<=3;
14
```

Result Grid

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 Hawaiian Pizza	32273.25

Result 4

Output

Action Output

#	Time	Action	Message	Duration / Fetch
173	22:11:27	select order_date, round(sum(revenue) over (order by order_date) as cumulative_rev,2) from (select orders.ord...	Error Code: 1583. Incorrect parameters in the call to native function 'round'	0.000 sec
174	22:12:14	select order_date, sum(revenue) over (order by order_date) as cumulative_rev from (select orders.order_date, ...	358 row(s) returned	0.079 sec / 0.000 sec
175	22:15:44	select pizza_types.category, pizza_types.name, sum((orders_details.quantity)*pizzas.price) as revenue from piz...	32 row(s) returned	0.140 sec / 0.000 sec
176	22:17:14	select category,name,revenue, rank() over (partition by category order by revenue desc) as rn from (select pizz...	32 row(s) returned	0.125 sec / 0.000 sec
177	22:21:00	select category,name,revenue, rank() over (partition by category order by revenue desc) as rn from (select pizz...	32 row(s) returned	0.110 sec / 0.000 sec
178	22:23:00	select name,revenue from (select category,name,revenue, rank() over (partition by category order by revenue d...	12 row(s) returned	0.125 sec / 0.000 sec

Object Info Session

Automatic context help disabled. Use the toolbar manually get help for the current caret position or toggle automatic help.