

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

SQL File 14* SQL File 15* SQL File 16* SQL File 17* SQL File 18* order_details pizza_types pizzas SQL File 19* SQL File 20* SQL File 21*

SCHEMAS

Filter objects

- bank
- college
- college1
- google
- himanshudb
- pizzahut**
 - Tables
 - order_details
 - orders
 - pizza_types**
 - pizzas
 - Views
 - Stored Procedures
 - Functions
- school
- sys
- university

Administration Schemas

Information

Table: pizza_types

Columns:

pizza_type_id	text
name	text
category	text
ingredients	text

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

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
The Pepperoni Pizza	30161.75
The Spicy Italian Pizza	34831.25
The Italian Supreme Pizza	33476.75
The Sicilian Pizza	30940.5
The Four Cheese Pizza	32265.70000000065

Object Info Session Result 1 Read Only

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MySQL Workbench

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SQL Navigator SQL File 13* SQL File 14* SQL File 15* SQL File 16* SQL File 17* SQL File 18* order_details pizza_types pizzas SQL File 19* SQL File 20*

SCHEMAS

Filter objects

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 - Tables
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Administration Schemas

Information

Table: pizza_types

Columns:

pizza_type_id	text
name	text
category	text
ingredients	text

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

order_date	cum_revenue
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
2015-01-06	14358.5
2015-01-07	16560.7
2015-01-08	19399.05
2015-01-09	21526.4
2015-01-10	23990.35000000002
2015-01-11	25862.65

Object Info Session Result 1 X Read Only

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SQL File 13* SQL File 14* SQL File 15* SQL File 16* SQL File 17* SQL File 18* order_details pizza_types pizzas SQL File 19* SQL File 20*

Navigator

SCHEMAS

Filter objects

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Tables
order_details
orders
pizza_types
pizzas
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Administration Schemas

Information

Table: pizza_types

Columns:

	text
pizza_type_id	text
name	text
category	text
ingredients	text

Result Grid

category	revenue
Classic	26.91
Supreme	25.46
Chicken	23.96
Veggie	23.68

Object Info Session Result 1 Read Only

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```
1  /* Q11. Calculate the percentage contribution of each pizza type to total revenue. */
2 • SELECT
3      pizza_types.category,
4      ROUND(SUM(order_details.quantity * pizzas.price) / (SELECT
5          ROUND(SUM(order_details.quantity * pizzas.price),
6              2) AS total_sales
7
8          FROM
9              order_details
10             JOIN
11                 pizzas ON pizzas.pizza_id = order_details.pizza_id) * 100,
12             2) AS revenue
13
14     FROM
15         pizza_types
16         JOIN
17             pizzas ON pizza_types.pizza_type_id = pizzas.pizza_type_id
18         JOIN
19             order_details ON order_details.pizza_id = pizzas.pizza_id
```

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SQL Navigator

SCHEMAS

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Administration Schemas

Information

Table: pizza_types

Columns:

pizza_type_id	text
name	text
category	text
ingredients	text

Object Info Session Result 1 Read Only

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SQL File 12* order_details orders pizza_types pizzas SQL File 13* SQL File 14* SQL File 15* SQL File 16* SQL File 17* SQL File 18* order_details

1 /* Q10. Determine the top 3 most ordered pizza types based on revenue. */
2 • SELECT
3 pizza_types.name,
4 SUM(pizzas.price * order_details.quantity) AS revenue
5 FROM
6 pizza_types
7 JOIN
8 pizzas ON pizza_types.pizza_type_id = pizzas.pizza_type_id
9 JOIN
10 order_details ON order_details.pizza_id = pizzas.pizza_id
11 GROUP BY pizza_types.name
12 ORDER BY revenue DESC
13 LIMIT 3;

Result Grid | Filter Rows: Export: Wrap Cell Content: Fetch rows: Result Grid | Form Editor | Field Types

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

MySQL Workbench

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SQL Navigator

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Administration Schemas

Information

Table: pizza_types

Columns:

pizza_type_id	text
name	text
category	text
ingredients	text

Object Info Session Result 1 Read Only

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SQL File 12* order_details orders pizza_types pizzas SQL File 13* SQL File 14* SQL File 15* SQL File 16* SQL File 17* SQL File 18* order_details

/* Q9. Group the orders by date and calculate the average number of pizzas ordered per day. */

```
1 SELECT
2     ROUND(AVG(quantity), 0)
3 FROM
4     (SELECT
5         orders.order_date, SUM(order_details.quantity) AS quantity
6     FROM
7         orders
8     JOIN order_details ON orders.order_id = order_details.order_id
9     GROUP BY orders.order_date) AS order_quantity;
```

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

round(avg(quantity),0)
138

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SQL Navigator

SCHEMAS

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Administration Schemas

Information

Table: pizza_types

Columns:

pizza_type_id	text
name	text
category	text
ingredients	text

Object Info Session Result 1 Read Only

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SQL File 12* order_details orders pizza_types pizzas SQL File 13* SQL File 14* SQL File 15* SQL File 16* SQL File 17* SQL File 18* order_details

/* Q8. Join relevant tables to find the category-wise distribution of pizzas. */

```
1 • SELECT
2     category, COUNT(name)
3 FROM
4     pizza_types
5 GROUP BY category;
```

Result Grid

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

Form Editor

Field Types

MySQL Workbench

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SCHEMAS

Filter objects

bank college college1 google himanshudb pizzahut

Tables

- order_details
- orders
- pizza_types
- pizzas

Views

Stored Procedures

Functions

school sys university

Administration Schemas

Information

Table: pizza_types

Columns:

pizza_type_id	text
name	text
category	text
ingredients	text

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

hour	order_count
16	1920
17	2336
18	2399
19	2009
20	1642
21	1198
22	663
23	28
10	8
9	1

Object Info Session Result 1 × Read Only

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SQL Navigator SQL File 12* order_details orders pizza_types pizzas SQL File 13* SQL File 14* SQL File 15* SQL File 16* SQL File 17* SQL File 18* order_details

SCHEMAS

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Administration Schemas

Information

Table: pizza_types

Columns:

pizza_type_id	text
name	text
category	text
ingredients	text

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

category	quantity
Classic	14888
Supreme	11987
Veggie	11649
Chicken	11050

Object Info Session Result 1 Read Only

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SQL Navigator

SCHEMAS

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Administration Schemas

Information

Table: pizza_types

Columns:

pizza_type_id	text
name	text
category	text
ingredients	text

Result Grid | Filter Rows: Export: Wrap Cell Content: Fetch rows: Result Grid Form Editor Field Types

```
1  /* Q5. List the top 5 most ordered pizza types along with their quantities. */
2  •  select pizza_types.name , sum(order_details.quantity) as quantity
3  from pizza_types join pizzas
4  on pizza_types.pizza_type_id = pizzas.pizza_type_id
5  join order_details
6  on order_details.pizza_id = pizzas.pizza_id
7  group by pizza_types.name order by quantity desc limit 5;
8
```

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

Object Info Session Result 1 Read Only

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MySQL Workbench

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File Edit View Query Database Server Tools Scripting Help

SQL File 12*

order_details orders pizza_types pizzas

SCHEMAS

Filter objects

bank college college1 google himanshudb pizzahut pizzas pizza_types

Tables

order_details orders pizza_types pizzas

Views Stored Procedures Functions

school sys university

Administration Schemas

Information

Table: pizza_types

Columns:

pizza_type_id	text
name	text
category	text
ingredients	text

Result Grid

size	order_count
L	18526

Form Editor

Field Types

Object Info Session Result 2 Read Only

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```
1  /* Q4. Identify the most common pizza size ordered. */
2 • SELECT
3     pizzas.size,
4     COUNT(order_details.order_details_id) AS order_count
5 FROM
6     pizzas
7     JOIN
8         order_details ON pizzas.pizza_id = order_details.pizza_id
9 GROUP BY pizzas.size
10 ORDER BY order_count DESC
11 LIMIT 1;
12
```

MySQL Workbench

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SQL File 11*

Functions* Assignment 2* pizza.sql* SQL File 9* SQL File 10* SQL File 11* SQL File 12* order_details orders pizza_types pizzas S(

SCHEMAS

Filter objects

bank college college1 google himanshubd pizzahut

Tables

order_details orders pizza_types pizzas Views Stored Procedures Functions

school sys university

Administration Schemas

Information

Table: pizza_types

Columns:

pizza_type_id	text
name	text
category	text
ingredients	text

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

name price

The Greek Pizza 35.95

Object Info Session Result 1 Read Only

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MySQL Workbench

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SQL File 10*

Limit to 1000 rows

```
1  /* Q2. Calculate the total revenue generated from pizza sales. */
2  • SELECT
3      ROUND(SUM(order_details.quantity * pizzas.price),
4          2) AS total_sales
5  FROM
6      order_details
7      JOIN
8          pizzas ON pizzas.pizza_id = order_details.pizza_id
```

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

total_sales
817860.05

Table: pizza_types

Columns:

pizza_type_id	text
name	text
category	text
ingredients	text

Object Info Session Result 5 Read Only

Formatted 0 statements, 1 unsupported statement types skipped.

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

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 - Tables
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 - orders
 - pizza_types
 - pizzas
 - Views
 - Stored Procedures
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- school
- sys
- university

Administration Schemas

Information

Table: pizza_types

Columns:

pizza_type_id	text
name	text
category	text
ingredients	text

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

total_orders
21350

Object Info Session Result 2 Read Only

Formatted 0 statements, 1 unsupported statement types skipped.