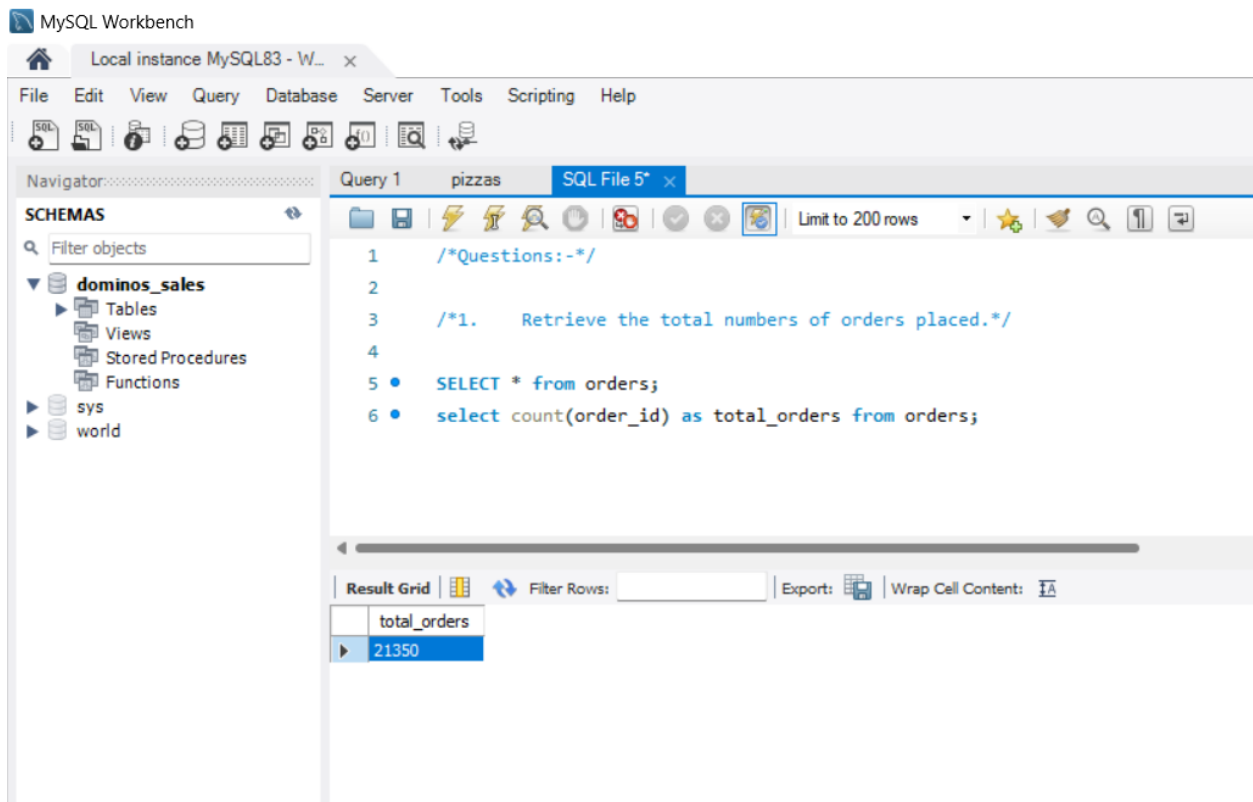


Dominos Pizza Sales

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- Retrieve the total number of orders placed.



The screenshot shows the MySQL Workbench interface. The left sidebar displays the 'dominos_sales' database schema with tables, views, stored procedures, and functions. The main query editor shows a SQL query to retrieve the total number of orders placed. The query is as follows:

```
1 /*Questions:-*/  
2  
3 /*1. Retrieve the total numbers of orders placed.*/  
4  
5 • SELECT * from orders;  
6 • select count(order_id) as total_orders from orders;
```

The query results are displayed in the 'Result Grid' at the bottom, showing a single row with the value 21350 for the column 'total_orders'.

total_orders
21350

- Calculate the total revenue generated from pizza sales.

MySQL Workbench

Local instance MySQL83 - W...

File Edit View Query Database Server Tools Scripting Help

Navigator: Filter objects

dominos_sales

- Tables
 - order_details
 - orders
 - pizza_types
 - pizzas
- Views
- Stored Procedures
- Functions
- sys
- world

Query 1 pizzas SQL File 5* order_details pizzas

Limit to 200 rows

```

8 /*2. Calculate the total revenue generated from pizza sales.*/
9
10 • SELECT
11     ROUND(SUM(order_details.quantity * pizzas.price),
12           2) AS total_revenue
13 FROM
14     order_details
15     JOIN
16     pizzas ON pizzas.pizza_id = order_details.pizza_id
17
18
19

```

Result Grid

total_revenue
817860.05

- Identify the highest-priced pizza.

MySQL Workbench

Local instance MySQL83 - W...

File Edit View Query Database Server Tools Scripting Help

Navigator: Filter objects

dominos_sales

- Tables
 - order_details
 - orders
 - pizza_types
 - pizzas
- Views
- Stored Procedures
- Functions
- sys
- world

Query 1 SQL File 5* pizzas pizza_types pizzas SQL File 6*

Limit to 200 rows

```

1 /*3. Identify the highest-priced pizza.*/
2
3 • SELECT
4     pizza_types.name, pizzas.price
5 FROM
6     pizza_types
7     JOIN
8     pizzas ON pizza_types.pizza_type_id = pizzas.pizza_type_id
9 ORDER BY pizzas.price DESC
10 LIMIT 1;

```

Result Grid

name	price
The Greek Pizza	35.95

- Identify the most common pizza size ordered.

The screenshot shows MySQL Workbench with a query window open. The query is as follows:

```

/*4. Identify the most common pizza size ordered.*/

SELECT
  pizzas.size,
  COUNT(order_details.order_details_id) AS order_count
FROM
  pizzas
  JOIN
    order_details ON pizzas.pizza_id = order_details.pizza_id
GROUP BY pizzas.size
ORDER BY order_count DESC;

```

The result grid shows the following data:

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

- List the top 5 most ordered pizza types along with their quantities.

The screenshot shows MySQL Workbench with a query window open. The query is as follows:

```

/* 5. List the top 5 most ordered pizza types along with their quantities.*/

SELECT
  pizza_types.name, SUM(order_details.quantity) AS quantity
FROM
  pizza_types
  JOIN
    pizzas ON pizza_types.pizza_type_id = pizzas.pizza_type_id
  JOIN
    order_details ON order_details.pizza_id = pizzas.pizza_id
GROUP BY pizza_types.name
ORDER BY quantity DESC
LIMIT 10;

```

The result grid shows the following data:

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
The California Chicken Pizza	2370
The Sicilian Pizza	1938
The Spicy Italian Pizza	1924
The Southwest Chicken Pizza	1917
The Big Meat Pizza	1914

- Determine the distribution of orders by hour of the day.

MySQL Workbench interface showing a query in SQL File 6*:

```

38
39  /*6. Determine the distribution of orders by hour of the day.*/
40
41  • SELECT
42      HOUR(order_time) AS hour, COUNT(order_id) AS order_count
43  FROM
44      orders
45  GROUP BY HOUR(order_time);
46
47
48

```

The Result Grid shows the following data:

hour	order_count
11	1231
12	2520
13	2455
14	1472
15	1468
16	1920
17	2336
18	2399
19	2009
20	1642
21	1198
22	663
23	28
10	8
9	1

- Group the orders by date and calculate the average number of pizzas ordered per day.

MySQL Workbench interface showing a query in SQL File 7*:

```

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

```

The Result Grid shows the following data:

avg_pizzas_ordered_per_day
138

- Determine the top 3 most ordered pizza types based on revenue.

MySQL Workbench

Local instance MySQL83 - W...

File Edit View Query Database Server Tools Scripting Help

Navigator

Filter objects

dominos_sales

- Tables
 - order_details
 - orders
 - pizza_types
 - pizzas
- Views
- Stored Procedures
- Functions

sys

world

Administration Schemas

Information

No object selected

SQL File 5* SQL File 6* SQL File 7* SQL File 5* x order_details pizzas

Limit to 200 rows

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

Result Grid

Filter Rows:

Exports

Wrap Cell Content: TA

Fetch rows:

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