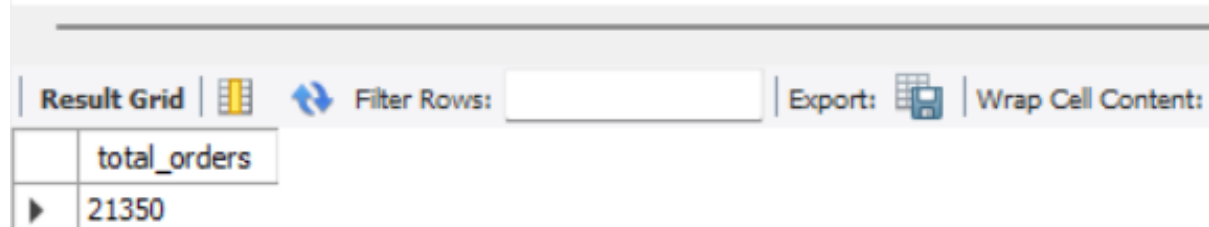


# PIZZA SALES ANALYSIS SQL QUERIES OUTPUTS

1. Retrieve the total number of orders placed.

```
12      -- retrieve the total number of orders placed
13 •    select count(order_id) as total_orders from orders;
```

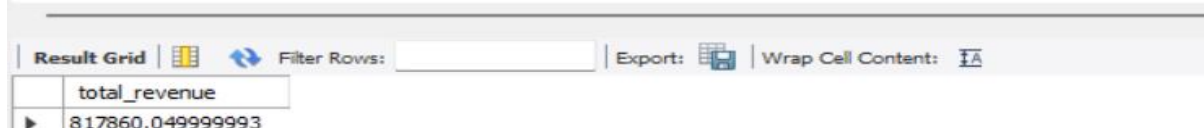


The screenshot shows the SQL query editor with the query: `select count(order_id) as total_orders from orders;`. Below the editor, the 'Result Grid' tab is active, displaying a single row with the column name 'total\_orders' and the value '21350'. The interface includes a 'Filter Rows' input field, an 'Export' button, and a 'Wrap Cell Content' checkbox.

	total_orders
▶	21350

2. Calculate the total revenue generated from pizza sales.

```
7      -- Calculate the total revenue generated from pizza sales
8
9 •    select sum(order_details.quantity * pizzas.price) as total_revenue
10    from order_details
11    join pizzas
12    on order_details.pizza_id= pizzas.pizza_id ;
```



The screenshot shows the SQL query editor with the query: `select sum(order_details.quantity * pizzas.price) as total_revenue from order_details join pizzas on order_details.pizza_id= pizzas.pizza_id ;`. Below the editor, the 'Result Grid' tab is active, displaying a single row with the column name 'total\_revenue' and the value '817860.049999993'. The interface includes a 'Filter Rows' input field, an 'Export' button, and a 'Wrap Cell Content' checkbox.

	total_revenue
▶	817860.049999993

3. Identify the highest-priced pizza

```
15 -- Identify the highest-priced pizza.
16 • select pizza_types.name as highest_priced_pizza , pizzas.price
17 from pizza_types
18 join pizzas
19 on pizzas.pizza_type_id = pizza_types.pizza_type_id
20 order by pizzas.price desc limit 1;
21
```

Result Grid			Filter Rows:	Export:	Wrap Cell Content:
	highest_priced_pizza	price			
▶	The Greek Pizza	35.95			

4. Identify the most common pizza size ordered.

```
22 -- Identify the most common pizza size ordered.
23 • select pizzas.size,count(order_details.order_details_id) from order_details
24 join pizzas
25 on order_details.pizza_id= pizzas.pizza_id
26 group by pizzas.size
27 order by count(order_details.order_details_id) desc limit 1;
28
29
```

Result Grid			Filter Rows:	Export:	Wrap Cell Content:
	size	count(order_details.order_details_id)			
▶	L	18526			

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

```
29 -- List the top 5 most ordered pizza types along with their quantities.
30 • select pizza_types.name ,sum( order_details.quantity ) as quantity
31 from order_details
32 join pizzas
33 on order_details.pizza_id=pizzas.pizza_id
34 join pizza_types
35 on pizzas.pizza_type_id= pizza_types.pizza_type_id
36 group by pizza_types.name
37 order by quantity desc limit 5;
38
```

Result Grid			Filter Rows:	Export:	Wrap Cell Content:
	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			

6. Join the necessary tables to find the total quantity of each pizza category ordered

```
39 -- Join the necessary tables to find the total quantity of each pizza category ordered.
40 • select pizza_types.category , sum(order_details.quantity) as quantity
41 from pizza_types
42 join pizzas
43 on pizza_types.pizza_type_id=pizzas.pizza_type_id
44 join order_details
45 on order_details.pizza_id=pizzas.pizza_id
46 group by pizza_types.category
47 order by quantity desc
48
```

Result Grid			Filter Rows:	Export:	Wrap Cell Content:
	category	quantity			
▶	Classic	14888			
	Supreme	11987			
	Veggie	11649			
	Chicken	11050			

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

```
49  -- Determine the distribution of orders by hour of the day.
50 • select hour(orders.order_time) as hour, count(orders.order_id) as order_count
51    from orders
52    group by hour(orders.order_time);
53
```

Result Grid			Filter Rows:	Export:	Wrap Cell Content:
	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			

8. Join relevant tables to find the category-wise distribution of pizzas.

```
54  -- Join relevant tables to find the category-wise distribution of pizzas.
55 • select category , count(name)
56    from pizza_types
57    group by category
58
59
```

Result Grid			Filter Rows:	Export:	Wrap Cell Content:
	category	count(name)			
▶	Chicken	6			
	Classic	8			
	Supreme	9			
	Veggie	9			

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

```
59 -- Group the orders by date and calculate the average number of pizzas ordered per day.
60 • select round(avg(quantity),0) from
61   (select orders.order_date , sum(order_details.quantity) as quantity
62    from orders
63    join order_details
64    on order_details.order_id= orders.order_id
65    group by orders.order_date) as order_quantity ;
66
```

Result Grid   Filter Rows:  Export:  Wrap Cell Content: 

	round(avg(quantity),0)
▶	138

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

```
67 -- Determine the top 3 most ordered pizza types based on revenue.
68 • select pizza_types.name , sum(pizzas.price * order_details.quantity ) as revenue
69    from pizza_types
70    join pizzas
71    on pizzas.pizza_type_id = pizza_types.pizza_type_id
72    join order_details
73    on pizzas.pizza_id = order_details.pizza_id
74    group by pizza_types.name
75    order by revenue desc limit 3;
```

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