

MADE BY JITENDER TEHILYANI

# PROJECT ON PIZZA SALES

MySQL



MySQL

```
create table orders (
    order_id int not null,
    order_date date not null,
    order_time time not null,
    primary key(order_id) );

create table orders_details(
    order_details_id int not null,
    order_id int not null,
    pizza_id text not null,
    quantity int not null,
    primary key(order_details_id));
```

name
The Thai Chicken Pizza
The Barbecue Chicken Piz
The California Chicken Piz
The Classic Deluxe Pizza
The Hawaiian Pizza
The Pepperoni Pizza
The Spicy Italian Pizza
The Italian Supreme Pizza
The Sicilian Pizza

## ANALYZED DATA TO FIND

the most common pizza size  
ordered, the top 5 most  
ordered pizza types, etc.

Find solutions to basic, intermediate,  
and advanced queries.

Slide ahead to explore each question  
with its answer.

# Q1. RETRIEVE THE TOTAL NUMBER OF ORDERS PLACED.

```
SELECT
```

```
    COUNT(order_id) AS total_orders
```

```
FROM
```

```
orders; -- order_id is unique so its count will give tot
```

total_orders
--------------

21350
-------

## Q2. CALCULATE THE TOTAL REVENUE GENERATED FROM PIZZA SALES.

SELECT

```
ROUND(SUM(orders_details.quantity * pizzas.price),  
2)
```

FROM

```
orders_details
```

```
pizzas.price),  
2)
```

817860.05

### Q3. IDENTIFY THE HIGHEST-PRICED PIZZA.

SELECT

pizza\_types.name, pizzas.price

FROM

pizza\_types

JOIN

pizzas ON pizza\_types.pizza\_type\_id = pizzas.pizza\_type\_id

ORDER BY pizzas.price DESC

name	price
The Greek Pizza	35.95

# Q4. IDENTIFY THE MOST COMMON PIZZA SIZE ORDERED.

**SELECT**

```
pizzas.size,  
COUNT(orders_details.order_details_id) AS order_count
```

**FROM**

```
pizzas
```

**JOIN**

size	order_count
L	18526
M	15385

# Q5. ANALYZE THE CUMULATIVE REVENUE GENERATED OVER TIME.

```
select order_date,  
       sum(revenue) over(order by order_date) as cum_revenue  
from  
  (select      orders.order_date -- order date
```

order_date	cum_revenue
2015-01-01	2713.8500000000004
2015-01-02	5445.75
2015-01-03	8108.15
2015-01-04	9863.6

# Q6. DETERMINE THE TOP 3 MOST ORDERED PIZZA TYPES BASED ON REVENUE FOR EACH PIZZA CATEGORY.

```
select name, revenue from
```

```
(select category, name, revenue,
```

```
rank() over(partition by category order by revenue desc) as rn
```

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

# Q. DETERMINE THE TOP 3 MOST ORDERED PIZZA TYPES BASED ON REVENUE.

```
select pizza_types.name, -- pizzaNames  
  
sum(orders_details.quantity * pizzas.price) as revenue -- sum of quantity * price = revenue  
  
from pizza_types join pizzas -- joins pizza_types and pizzas  
  
on pizzas.pizza_type_id = pizza_types.pizza_type_id --- on the basis of pizza_type_id  
  
join orders_details
```

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

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# THANK YOU FOR ATTENTION

Check Out for More

[https://github.com/JitenderTehilyani/  
PizzaSalesReportSQL](https://github.com/JitenderTehilyani/PizzaSalesReportSQL)