

Where Every Query is a Trust of Perfection

WELCOME TO SQL PROJECT ON PIZZA SALES



ORDER
NOW



ABOUT OUR DEVELOPER

Our Passion for Pizza Project

Dilshad Ahmad, A renowned Software Engineering graduated in B.Tech from Asansol Engineering College (MAKAUT) in the department of Information Technology.

He made a various project, and this project is the glimpse of one of those projects.

SQL QUERIES



-- Retrieve the total number of orders placed--

```
select count(*) from orders;
```



Result Grid	
	count(*)
▶	21350

-- Calculate the total revenue generated from pizza sales--

- ```
select
round(sum(orders_details.quantity*pizzas.price)) as sale_target
from orders_details join pizzas
on pizzas.pizza_id = orders_details.pizza_id;
```



| Result Grid |             |
|-------------|-------------|
|             | sale_target |
| ▶           | 817860      |

-- 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 limit 1;
```



Result Grid	
Filter Rows:	
▶	name price
▶	The Greek Pizza 35.95

SQL QUERIES



-- Identify the most common pizza size ordered.

- ```
select count(quantity) as most_ordered from orders_details group by quantity;
```

 →
- ```
select pizzas.size, count(orders_details.order_details_id) as most_order
from pizzas join orders_details
on pizzas.pizza_id = orders_details.pizza_id
group by pizzas.size order by pizzas.size asc limit 1;
```

most_ordered
47693
903
21
3

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

- ```
select pizza_types.name,
sum(orders_details.quantity) as quantity
from pizza_types join pizzas
on pizzas.pizza_type_id = pizza_types.pizza_type_id
join orders_details
on orders_details.pizza_id = pizzas.pizza_id
group by pizza_types.name
order by quantity desc limit 5;
```

 →

| 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     |

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

- ```
select
pizza_types.category,
sum(orders_details.quantity)as total_quantity
from pizza_types join pizzas
on pizza_types.pizza_type_id=pizzas.pizza_type_id
join
orders_details
on orders_details.pizza_id=pizzas.pizza_id
group by pizza_types.category
order by total_quantity desc;
```

 →

category	total_quantity
Classic	14888
Supreme	11987
Veggie	11649
Chicken	11050

SQL QUERIES



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

- ```
select
hour(order_time),count(order_id)
from orders
group by hour(order_time);
```



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

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

- ```
select  
category,count(name)  
from pizza_types  
group by category;
```



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

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

- ```
select round(avg(quantity),0)from
(select
orders.order_date, sum(orders_details.quantity)as quantity
from orders_details join orders
on orders_details.order_id=orders.order_id
group by orders.order_date) as order_quantity;
```



| round(avg(quantity),0) |
|------------------------|
| 138                    |

# SQL QUERIES



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

```
• select pizza_types.name,
 sum(pizzas.price*orders_details.quantity) as revenue
 from pizzas join pizza_types
 on pizza_types.pizza_type_id=pizzas.pizza_type_id
 join orders_details
 on orders_details.pizza_id=pizzas.pizza_id
 group by pizza_types.name
 order by revenue desc;
```



| Result Grid   Filter Rows: |                              |                 |
|----------------------------|------------------------------|-----------------|
|                            | 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 Spicy Italian Pizza      | 34831.25        |
|                            | The Southwest Chicken Pizza  | 34705. 34831.25 |
|                            | The Italian Supreme Pizza    | 33476.75        |
|                            | The Hawaiian Pizza           | 32273.25        |

-- Calculate the percentage contribution of each pizza type to total revenue--

```
• select
 pizza_types.name,
 round(sum(orders_details.quantity*pizzas.price) / (select
 round(sum(orders_details.quantity*pizzas.price)) as sale_target
 from orders_details join pizzas
 on pizzas.pizza_id = orders_details.pizza_id)*100,0) as total_Revenue
 from orders_details join pizzas
 on orders_details.pizza_id=pizzas.pizza_id
 join
 pizza_types
 on pizza_types.pizza_type_id=pizzas.pizza_type_id
 group by pizza_types.name
 order by total_revenue desc;
```



| Result Grid   Filter Rows: |                              |               |
|----------------------------|------------------------------|---------------|
|                            | name                         | total_Revenue |
| ▶                          | The Classic Deluxe Pizza     | 5             |
|                            | The Thai Chicken Pizza       | 5             |
|                            | The Barbecue Chicken Pizza   | 5             |
|                            | The California Chicken Pizza | 5             |
|                            | The Hawaiian Pizza           | 4             |

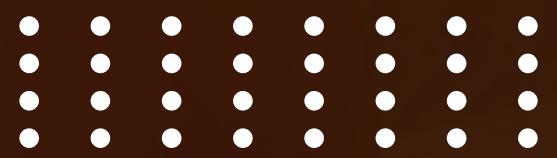
-- Analyze the cumulative revenue generated over time--

```
• select order_date,
 sum(total_revenue) over(order by order_date) as Cumm_revenue
 from
 (select
 orders.order_date,
 sum(orders_details.quantity*pizzas.price) as total_revenue
 from orders_details join pizzas
 on orders_details.pizza_id=pizzas.pizza_id
 join
 orders
 on orders.order_id=orders_details.order_id
 group by orders.order_date) as sales;
```



| Result Grid   Filter Rows: |            |                    |
|----------------------------|------------|--------------------|
|                            | order_date | Cumm_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           |

# SQL QUERIES



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

```
• select
 pizza_types.category,
 sum(orders_details.quantity*pizzas.price)as Revenue
 from orders_details join pizzas
 on orders_details.pizza_id=pizzas.pizza_id
 join
 pizza_types
 on pizza_types.pizza_type_id=pizzas.pizza_type_id
 group by pizza_types.category
 order by Revenue desc limit 3
```



|   | category | Revenue            |
|---|----------|--------------------|
| ▶ | Classic  | 220053.1000000001  |
|   | Supreme  | 208196.99999999822 |
|   | Chicken  | 195919.5           |

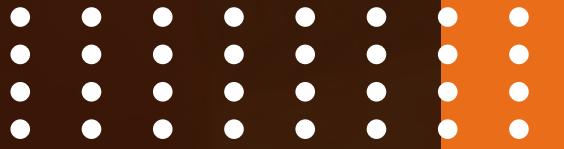


ORDER  
NOW

# WITH FRESH INGREDIENTS

Types of delicious Pizza We offers:

- Classic
- Supreme
- Veggie
- Chicken



# OUR SIGNATURE PIZZAS



\$20

Margherita Pizza



\$30

Veggie Delight



\$25

Pepperoni Pizza

# MEET OUR FOUNDER

Mr. Dilshad Ahmad

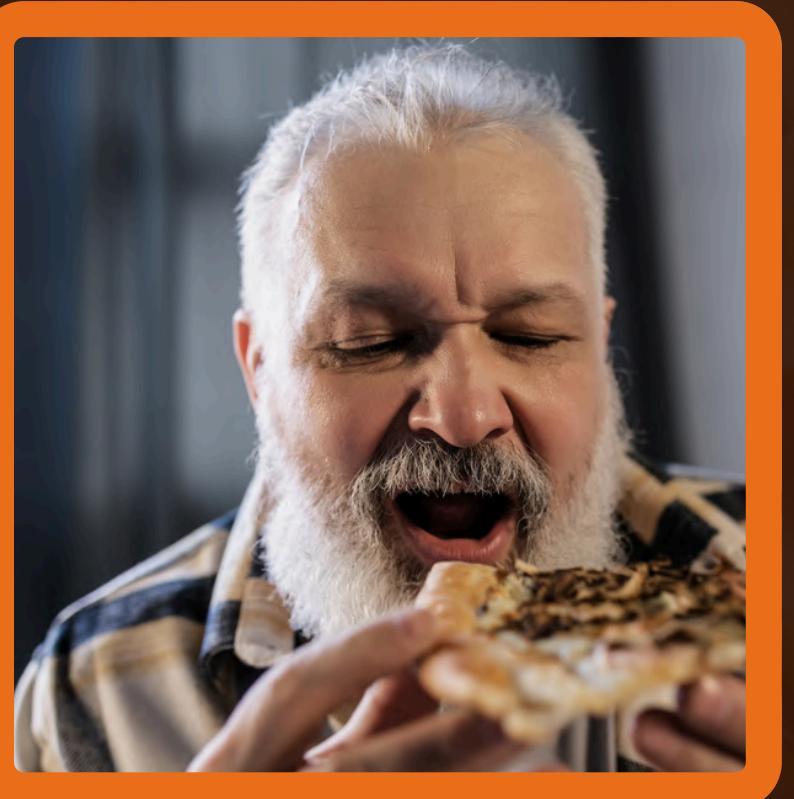
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# CUSTOMER REVIEW



**Avery Davis**

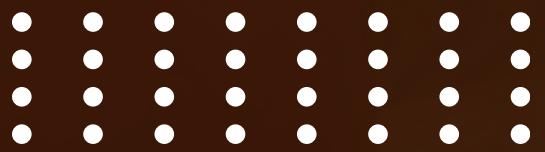
The best pizza we ever had in (City)!! The pizza was so delicious and with so many flavor could choose that we even visited the pizza shop twice in the same day! You could just take away or standing finish your pizza in the store.



**Olivia Wilson**

They offer an awesome range of fresh pizzas. I liked dining here. Staff members are always friendly, prices are reasonable and the spot is always kept clean.





# DINE-IN, TAKEOUT, & DELIVERY

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed at ipsum vitae lacus lobortis lacinia. Donec tristique arcu massa, at pharetra tortor feugiat non.



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SQI Project Presentation

THANK YOU  
FOR YOUR TIME

See You Next

<https://github.com/thedilshadahmad>