

PIZZA SALES



INTRO

Myself **Ankita Koli**: Driven by a passion for data and trends, I thrive on uncovering insights from complex information. With a knack for analysis and a love for numbers, I aim to make sense of the seemingly chaotic. My endless curiosity and enthusiasm for new challenges push me to excel in data analysis.

RETRIEVE THE TOTAL NUMBER OF ORDERS PLACED

```
16  -- Retrieve the total number of orders placed.  
17  • select count(order_id) as total_order from orders;  
18  
19  -----  
20  -- Calculate the total revenue generated from pizza sales.
```

Result Grid | 

 Filter Rows:

Export:  Wrap Cell Content: 

| total_order |
|-------------|
| 6366 |

▶

CALCULATE THE TOTAL REVENUE

```
20  -- Calculate the total revenue generated from pizza sales.  
21  • select round(sum(order_details.quantity * pizzas.price),2)as total_sales  
22  from order_details join pizzas  
23  on pizzas.pizza_id = order_details.pizza_id;  
24  
25  
26  -----
```

| Result Grid | |
|-------------|---|
| | <input type="button" value="Filter Rows:"/> |
| | <input type="button" value="Export:"/> |
| | <input type="button" value="Wrap Cell Content:"/> |
| total_sales | 85427.95 |



HIGHEST PRICED PIZZA

```
27      -- Identify the highest-priced pizza.  
28  •  select pizza_types.name ,pizzas.price  
29      from pizza_types join pizzas  
30      on pizza_types.pizza_type_id=pizzas.pizza_type_id  
31      order by pizzas.price desc limit 1;  
32
```

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

| name | price |
|-----------------|-------|
| The Greek Pizza | 35.95 |

MOST COMMON PIZZA SIZE ORDERD

```
38  -- Identify the most common pizza size ordered.
39 • select pizzas.size, count(order_details.order_details_id) as ordercount
40  from pizzas join order_details
41  on pizzas.pizza_id= order_details.pizza_id
42  group by pizzas.size order by ordercount desc;
43
44
```

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

| | size | ordercount |
|---|------|------------|
| ▶ | L | 1950 |
| | M | 1586 |
| | S | 1496 |
| | XL | 57 |
| | XXL | 2 |

Result Grid
Form Editor



TOP 5 ORDERED PIZZA

```
46  -- List the top 5 most ordered pizza types along with their quantities.
47  • select pizza_types.name, sum(order_details.quantity) as Quantity
48  from pizza_types join pizzas
49  on pizza_types.pizza_type_id= pizzas.pizza_type_id
50  join order_details
51  on order_details.pizza_id = pizzas.pizza_id
52  group by pizza_types.name order by quantity desc limit 5;
```

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

| | name | Quantity |
|---|------------------------------|----------|
| ▶ | The Pepperoni Pizza | 288 |
| | The Barbecue Chicken Pizza | 263 |
| | The California Chicken Pizza | 251 |
| | The Classic Deluxe Pizza | 234 |
| | The Hawaiian Pizza | 231 |

Result Grid | Form Editor |

TOTAL QUANTITY OF EACH CATEGORY

```
1  -- Join the necessary tables to find the total quantity of each pizza category
2
3 • select pizza_types.category , sum(order_details.quantity) as qty
4   from pizza_types join pizzas
5   on pizza_types.pizza_type_id=pizzas.pizza_type_id
6   join order_details on order_details.pizza_id=pizzas.pizza_id
7   group by pizza_types.category order by qty desc;
8
```

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

| category | qty |
|----------|------|
| Classic | 1546 |
| Supreme | 1287 |
| Veggie | 1237 |
| Chicken | 1114 |

Result Grid
 Form Editor

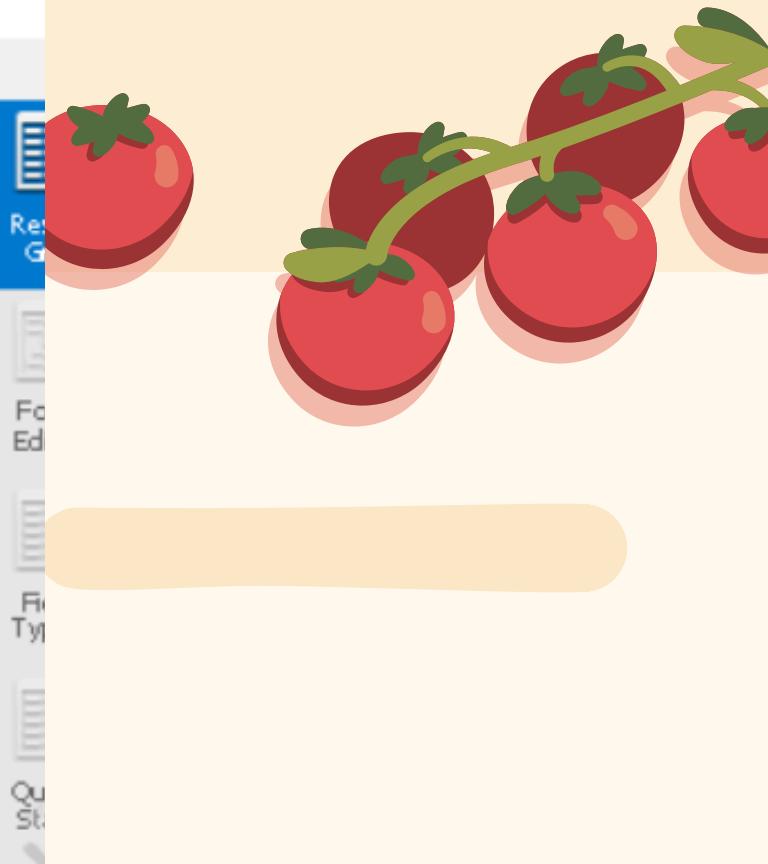
CULINARY TRIUMPH



```
12  -- Determine the distribution of orders by hour of the day.  
13  
14 • select hour(order_time), count(order_id)  
15   from orders  
16   group by hour(order_time);  
17
```

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

| | hour(order_time) | count(order_id) |
|----|------------------|-----------------|
| 11 | 343 | |
| 12 | 782 | |
| 13 | 715 | |
| 14 | 492 | |
| 15 | 424 | |
| 16 | 565 | |
| 17 | 739 | |
| 18 | 704 | |
| 19 | 581 | |
| 20 | 477 | |
| 21 | 342 | |
| 22 | 194 | |
| 23 | 5 | |
| 10 | 3 | |



TOP 3 ORDERED BASED ON REVENUE

```
34  -- ~Determine the top 3 most ordered pizza types based on revenue.--
35
36 • SELECT pizza_types.name,
37      SUM(order_details.quantity * pizzas.price) AS revenue
38  FROM pizza_types
39  JOIN pizzas ON pizzas.pizza_type_id = pizza_types.pizza_type_id
40  JOIN order_details ON order_details.pizza_id = pizzas.pizza_id
41  GROUP BY pizza_types.name
42  ORDER BY revenue DESC
43  LIMIT 5;
```

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

| name | revenue |
|------------------------------|---------|
| The Barbecue Chicken Pizza | 4685.25 |
| The California Chicken Pizza | 4312.25 |
| The Thai Chicken Pizza | 4212.5 |
| The Italian Supreme Pizza | 3671 |
| The Classic Deluxe Pizza | 3617.5 |



CUMULATIVE REVENUE OVER PERIOD OF TIME

```
1  -- Analyze the cumulative revenue generated over time.
2  • select order_date, sum(revenue) over (order by order_date) as cum_revenue
3  from (select orders.order_date, sum(order_details.quantity * pizzas.price)
4        from order_details join pizzas
5          on order_details.pizza_id= pizzas.pizza_id
6        join orders
7          on orders.order_id= order_details.order_id
8        group by  orders.order_date) as Sales;
```

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

| order_date | cum_revenue |
|------------|--------------------|
| 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 | 23990.350000000002 |
| 2015-01-11 | 25862.65 |
| 2015-01-12 | 27781.7 |
| 2015-01-13 | 29831.300000000003 |
| 2015-01-14 | 32358.700000000004 |
| 2015-01-15 | 34343.500000000001 |

Result Grid | Form Editor | Field Types | Query Stats



TOP 3 ORDERED PIZZAS BASED ON REVENUE

```
13  -- ~Determine the top 3 most ordered pizza types based on revenue
14  -- for each pizza category.
15 •  select name, revenue from (
16  select category, name, revenue,
17  rank() over (partition by category order by revenue desc) as rn
18  from
19  (select pizza_types.category, pizza_types.name,
20  sum((order_details.quantity)* pizzas.price) as revenue
21  from pizza_types join pizzas
22  on pizza_types.pizza_type_id=pizzas.pizza_type_id
23  join order_details
24  on order_details.pizza_id =pizzas.pizza_id
25  group by pizza_types.category,pizza_types.name) as a) as b
```

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

Result Grid

Form Editor

| | name | revenue |
|---|------------------------------|---------|
| ▶ | The Barbecue Chicken Pizza | 4685.25 |
| | The California Chicken Pizza | 4312.25 |
| | The Thai Chicken Pizza | 4212.5 |
| | The Classic Deluxe Pizza | 3617.5 |
| | The Pepperoni Pizza | 3608.25 |
| | The Hawaiian Pizza | 3046 |
| | The Italian Supreme Pizza | 3671 |
| | The Sicilian Pizza | 3528.25 |

| | name | revenue |
|---|------------------------------|---------|
| ▶ | The Barbecue Chicken Pizza | 4685.25 |
| | The California Chicken Pizza | 4312.25 |
| | The Thai Chicken Pizza | 4212.5 |
| | The Classic Deluxe Pizza | 3617.5 |
| | The Pepperoni Pizza | 3608.25 |
| | The Hawaiian Pizza | 3046 |
| | The Italian Supreme Pizza | 3671 |
| | The Sicilian Pizza | 3528.25 |

THANK YOU
FOR YOUR
ATTENTION

