

Where Every Slice is a Taste of Perfection

# WELCOME TO PIZZA NAPOLI CRUST

Start Your Slide

ORDER  
NOW



# TOTAL ORDERS



```
SELECT COUNT(order_id)AS total_orders  
FROM orders
```

Results	
	Messages
	total_orders
	21350





```
SELECT TOP 1 pizza_types.name ,pizzas.price  
FROM pizza_types  
JOIN  
pizzas  
ON  
pizzas.pizza_type_id = pizza_types.pizza_type_id  
ORDER BY pizzas.price DESC;
```

Results    Messages

	name	price
1	The Greek Pizza	35.9500007629395

# IDENTIFY THE MOST COMMON PIZZA SALES 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 ;
```

	size	order_count
1	L	18526
2	M	15385
3	S	14137
4	XL	544
5	XXL	28



# LIST THE TOP 5 MOST ORDERED PIZZA TYPES ALONG WITH THEIR QUANTITIES

```
SELECT TOP 5
pizza_types.name,
SUM(order_details.quantity) AS total_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 total_quantity DESC;
```



	name	total_quantity
1	The Classic Deluxe Pizza	2453
2	The Barbecue Chicken Pizza	2432
3	The Hawaiian Pizza	2422
4	The Pepperoni Pizza	2418
5	The Thai Chicken Pizza	2371

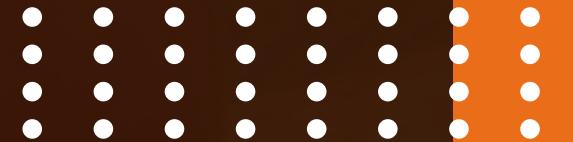
# DETERMINE THE DISTRIBUTION OF ORDERS BY HOUR OF THE DAY



```
SELECT DATEPART (HOUR,time) AS order_perhour, COUNT(order_id) as order_count  
FROM orders  
GROUP BY DATEPART (HOUR,time)  
ORDER BY COUNT(order_id) DESC
```

	order_perhour	order_count
1	12	2520
2	13	2455
3	18	2399
4	17	2336
5	19	2009
6	16	1920
7	20	1642
8	14	1472
9	15	1468
10	11	1231
11	21	1198
12	22	663
13	23	28
14	10	8
15	9	1

# JOIN THE NECESSARY TABLES TO FIND THE TOTAL QUANTITY OF EACH PIZZA CATEGORY ORDERED



```
SELECT pizza_types.category, 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.category
ORDER BY quantity DESC
```

Results    Messages

	category	quantity
1	Classic	14888
2	Supreme	11987
3	Veggie	11649
4	Chicken	11050

# JOIN THE RELEVANT TABLES TO FIND THE CATEGORY -WISE DISTRIBUTION OF PIZZAS



```
SELECT category ,COUNT(name)
FROM pizza_types
GROUP BY category
```

Results    Messages

	category	(No column name)
1	Chicken	6
2	Classic	8
3	Supreme	9
4	Veggie	9



# GROUP THE ORDERS BY DATE AND CALCULATE THE AVERAGE OF PIZZAS ORDERED PER DAY



```
SELECT ROUND(AVG(order_count),0) AS avg_per_day
FROM (
  SELECT orders.date,COUNT(order_details.quantity) AS order_count
  FROM orders
  JOIN order_details
    ON orders.order_id = order_details.order_id
  GROUP BY orders.date
)AS order_quantity;
```

Results    Messages

	avg_per_day
1	135



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

```
SELECT TOP 3 pizza_types.name,  
SUM(order_details.quantity * pizzas.price ) AS revenue  
FROM pizza_types  
JOIN pizzas  
ON pizzas.pizza_type_id = pizza_types.pizza_type_id  
JOIN order_details  
ON order_details.pizza_id = pizzas.pizza_id  
GROUP BY name  
ORDER BY revenue;
```

Results		
	name	revenue
1	The Brie Carre Pizza	11588.4998130798
2	The Green Garden Pizza	13955.75
3	The Spinach Supreme Pizza	15277.75