

PIZZA HUT



Made by : Vishwas Tanwar



WELCOME TO
PIZZA HUT



Retrieve the total number of orders placed.

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

Result Grid	
	count(order_id)
▶	21350



Calculate the total revenue generated from pizza sales.

```
SELECT
    ROUND(SUM(order_details.quantity * pizzas.price),
          0) AS total_revenue
FROM
    order_details
    JOIN
    pizzas ON order_details.pizza_id = pizzas.pizza_id
;
```

Result Grid	
	total_revenue
▶	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	

Identify the most common pizza size ordered.

```
SELECT
    pizzas.size, COUNT(order_details.order_id) AS pizza_Sales
FROM
    order_details
    JOIN
    pizzas ON order_details.pizza_id = pizzas.pizza_id
GROUP BY pizzas.size
ORDER BY pizza_sales DESC
LIMIT 1;
```

Result Grid			Filter Rows
	size	pizza_Sales	
▶	L	18526	



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

```
SELECT
    pizza_types.category,
    SUM(order_details.quantity) AS pizza_ordered
FROM
    pizza_types
    JOIN
    pizzas ON pizza_types.pizza_type_id = pizzas.pizza_type_id
    JOIN
    order_details ON pizzas.pizza_id = order_details.pizza_id
GROUP BY pizza_types.category
ORDER BY pizza_ordered DESC;
```

Result Grid	Filter Rows:
category	pizza_ordered
Classic	14888
Supreme	11987
Veggie	11649
Chicken	11050



Determine the distribution of orders by hour of the day.

```
SELECT  
    HOUR(orders.time_id), COUNT(order_id)  
FROM  
    orders  
GROUP BY HOUR(orders.time_id);
```

hour(orders.time_id)	count(order_id)
11	1231
12	2520
13	2455
14	1472
15	1468
16	1920
17	2326



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

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

Result Grid			Filter Rows
	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
  AVG(total)
FROM
  (SELECT
    orders.date_id, SUM(order_details.quantity) AS total
  FROM
    orders
  JOIN order_details ON orders.order_id = order_details.order_id
  GROUP BY orders.date_id) AS a;
```

Result Grid	
	avg(total)
	138.4749



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

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

Result Grid			Filter Rows:
	name	revenue	
▶	The Thai Chicken Pizza	43434.25	
	The Barbecue Chicken Pizza	42768	
	The California Chicken Pizza	41409.5	



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

```
SELECT
  pizza_types.category,
  CONCAT(ROUND(SUM(order_details.quantity * pizzas.price) / (SELECT
    SUM(order_details.quantity * pizzas.price)
    FROM
      order_details
    JOIN
      pizzas ON order_details.pizza_id = pizzas.pizza_id) * 100,
    2),
    '%') AS TOTAL_REVENUE
FROM
  pizza_types
  JOIN
  pizzas ON pizza_types.pizza_type_id = pizzas.pizza_type_id
  JOIN
  order_details ON pizzas.pizza_id = order_details.pizza_id
GROUP BY pizza_types.category;
```

Result Grid		Filter Rows:
	category	TOTAL_REVENUE
▶	Classic	26.91%
	Veggie	23.68%
	Supreme	25.46%
	Chicken	23.96%



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

```
select category , name, revenue , total_revenue from
(select category , name , revenue , rank() over(partition by category order by revenue desc) as total_revenue from
(select pizza_types.category , pizza_types.name , sum(order_details.quantity * pizzas.price) as revenue from pizza_type
join pizzas
on pizza_types.pizza_type_id = pizzas.pizza_type_id
join order_details
on pizzas.pizza_id = order_details.pizza_id
group by pizza_types.category , pizza_types.name) as a) as b
where total_revenue <=3;
```

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
category	name	revenue	total_revenue
Chicken	The Thai Chicken Pizza	43434.25	1
Chicken	The Barbecue Chicken Pizza	42768	2
Chicken	The California Chicken Pizza	41409.5	3
Classic	The Classic Deluxe Pizza	38180.5	1
Classic	The Hawaiian Pizza	32273.25	2
Classic	The Pepperoni Pizza	30161.75	3

BEST SELLER



CLASSIC DELUXE PIZZA

The Classic deluxe Pizza is the pizza type which is highly ordered by the people .





THANK YOU!

