



RUBEE SINGH

PIZZA HUT PROJECT WITH SQL



RETRIEVE THE TOTAL NUMBER OF
ORDERS PLACED.

```
SELECT COUNT(order_id) AS  
total_order FROM orders;
```

Result Grid	
	total_order
▶	564





CALCULATE THE TOTAL REVENUE GENERATED FROM PIZZA SALES

```
SELECT SUM((order_details.quantity *  
pizzas.price)) AS total_sales FROM  
order_details JOIN pizzas ON  
pizzas.pizza_id = order_details.pizza_id;
```

Result Grid



total_sales

1671.65

CALCULATE THE PERCENTAGE CONTRIBUTION OF EACH PIZZA TYPE TO TOTAL REVENUE.

```
SELECT pizza_types.category, round(SUM(order_details.quantity *  
pizzas.price) / (SELECT SUM(order_details.quantity * pizzas.price) AS  
total_sales FROM order_details JOIN pizzas ON pizzas.pizza_id =  
order_details.pizza_id)*100,2) 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 pizza_types.category  
ORDER BY revenue DESC;
```



Result Grid		
	category	revenue
▶	Veggie	29.52
	Classic	24.78
	Chicken	24.2
	Supreme	21.51

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

```
SELECT orders.order_date,  
SUM(order_details.quantity) AS quantity FROM  
orders JOIN order_details ON orders.order_id =  
order_details.order_id GROUP BY  
orders.order_date;
```

Result Grid			Filter
	order_date	quantity	
▶	1/1/2015	100	



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



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

```
select category, name from  
pizza_types
```

Result Grid	Filter Rows:
category	count(name)
Chicken	6
Classic	8
Supreme	9
Veggie	9

Result Grid	Filter Rows:
category	name
Chicken	The Barbecue Chicken Pizza
Chicken	The California Chicken Pizza
Chicken	The Chicken Alfredo Pizza
Chicken	The Chicken Pesto Pizza
Chicken	The Southwest Chicken Pizza

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;
```

Result Grid		Filter
	category	quantity
	Veggie	29
	Classic	28
	Chicken	22
	Supreme	21



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


```
SELECT pizza_types.name, 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.name ORDER BY quantity DESC LIMIT 5;
```



Result Grid			Filter Rows:
	name	quantity	
▶	The Italian Supreme Pizza	11	
	The Mexicana Pizza	7	
	The Barbecue Chicken Pizza	7	
	The Italian Capocollo Pizza	7	
	The Classic Deluxe Pizza	5	

IDENTIFY THE MOST COMMON PIZZA SIZE 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
▶	L	46
	S	28
	M	25



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THANK YOU!

