

SQL PROJECT ON PIZZA SALES

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INTRODUCTION

Hello Everyone !!

My name is Angad, Today I am presenting you my SQL project on Pizza Sales, In which I utilize the SQL Queries to get the Answers of several questions that are related to the pizza sales.I added questions, with the code and their output in next slides.

Let's start our adventure in the world of pizza!

CALCULATE THE TOTAL REVENUE GENERATED FROM PIZZA SALES.

SELECT

```
ROUND(SUM(order_details.quantity * pizzas.price),
```

```
2) AS Total_Revenue
```

FROM

```
order_details
```

```
NATURAL JOIN
```

```
pizzas;
```



Total_Revenue
817860.05

817860.05



IDENTIFY THE HIGHEST-PRICED PIZZA.

```
SELECT 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  
LIMIT 1;
```



	name	price
▶	The Greek Pizza	35.95



IDENTIFY THE MOST COMMON PIZZA SIZE ORDERED.

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



	size	Count_of_pizzas
▶	L	18526



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

```
SELECT pizza_types.name, COUNT(order_details.order_id) AS Quantities  
FROM pizza_types  
JOIN pizzas  
JOIN order_details ON pizza_types.pizza_type_id = pizzas.pizza_type_id  
AND pizzas.pizza_id = order_details.pizza_id  
GROUP BY pizza_types.name  
ORDER BY Quantities DESC  
LIMIT 5;
```



	name	Quantities
▶	The Classic Deluxe Pizza	2416
▶	The Barbecue Chicken Pizza	2372
▶	The Hawaiian Pizza	2370
▶	The Pepperoni Pizza	2369
▶	The Thai Chicken Pizza	2315

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

```
select pizza_types.category,sum(order_details.quantity) as Total_quantity from pizza_types join pizzas join  
order_details on  
pizza_types.pizza_type_id=pizzas.pizza_type_id  
and pizzas.pizza_id=order_details.pizza_id  
group by pizza_types.category  
order by Total_quantity ;
```



	category	Total_quantity
▶	Chicken	11050
	Veggie	11649
	Supreme	11987
	Classic	14888

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

```
-- 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  
    AVG(quantity)  
FROM  
(SELECT  
    orders.order_date, COUNT(order_details.quantity) AS quantity  
FROM  
    order_details  
JOIN orders ON order_details.order_id = orders.order_id  
GROUP BY orders.order_date) AS order_quantity;
```



DETERMINE THE TOP 3 MOST ORDERED PIZZA TYPES BASED ON REVENUE FOR EACH PIZZA CATEGORY.

```
-- Determine the top 3 most ordered pizza types based on revenue for each pizza category.  
SELECT  
    pizza_types.name, SUM(pizzas.price) AS Prices  
FROM  
    pizzas  
    JOIN  
        pizza_types ON pizza_types.pizza_type_id = pizzas.pizza_type_id  
GROUP BY pizza_types.name  
ORDER BY Prices DESC  
LIMIT 3;
```



	name	Prices
▶	The Greek Pizza	109.95
	The Italian Vegetables Pizza	50.5
	The Barbecue Chicken Pizza	50.25

DETERMINE THE TOP 3 MOST ORDERED PIZZA TYPES BASED ON REVENUE FOR EACH PIZZA CATEGORY.

SELECT

```
    pizza_types.category,  
    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 order_details.pizza_id = pizzas.pizza_id
```

GROUP BY pizza_types.category;



	category	revenue
▶	Classic	220053.100000001
	Veggie	193690.45000000298
	Supreme	208196.9999999822
	Chicken	195919.5

THANK YOU

