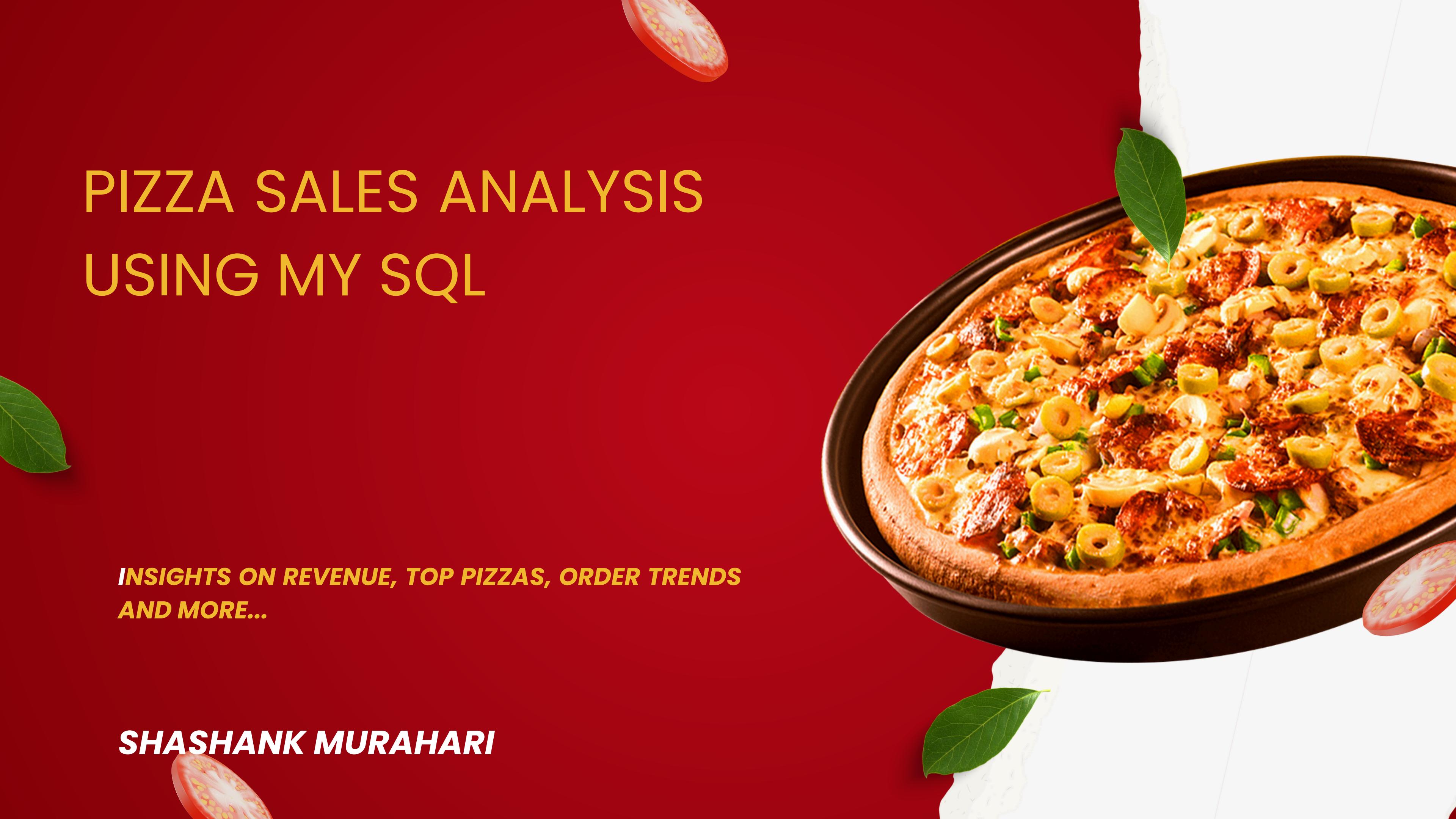


PIZZA SALES ANALYSIS USING MY SQL

***INSIGHTS ON REVENUE, TOP PIZZAS, ORDER TRENDS
AND MORE...***

SHASHANK MURAHARI





OBJECTIVE OF ANALYSIS

- #RETRIEVE THE TOTAL NUMBER OF ORDERS PLACED.
- #CALCULATE THE TOTAL REVENUE GENERATED FROM PIZZA SALES.
- #IDENTIFY THE HIGHEST-PRICED PIZZA.
- #IDENTIFY THE MOST COMMON PIZZA SIZE ORDERED.
- #LIST THE TOP 5 MOST ORDERED PIZZA TYPES ALONG WITH THEIR QUANTITIES.

- #JOIN THE NECESSARY TABLES TO FIND THE TOTAL QUANTITY OF EACH PIZZA CATEGORY ORDERED.
- #DETERMINE THE DISTRIBUTION OF ORDERS BY HOUR OF THE DAY.

#RETRIEVE THE TOTAL NUMBER OF ORDERS PLACED.

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

	total_orders
▶	1340

#CALCULATE THE TOTAL REVENUE GENERATED FROM PIZZA SALES.

SELECT

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

FROM

```
order_details
```

JOIN

```
pizzas ON pizzas.pizza_id = order_details.pizza_id;
```

	total_sales
▶	2165.1



#IDENTIFY THE HIGHEST-PRICED PIZZA.

SELECT

 pizza_types.name, pizzas.price

FROM

 pizza_types

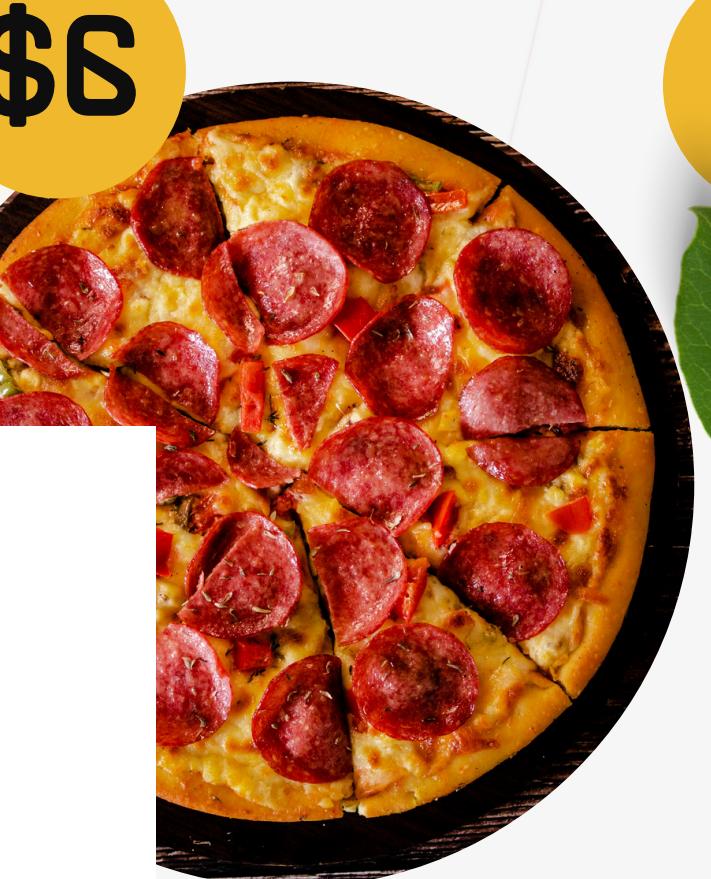
JOIN

 pizzas ON pizza_types.pizza_type_id = pizzas.pizza_type_id

ORDER BY pizzas.price DESC

LIMIT 1;

	name	price
▶	The Greek Pizza	35.95

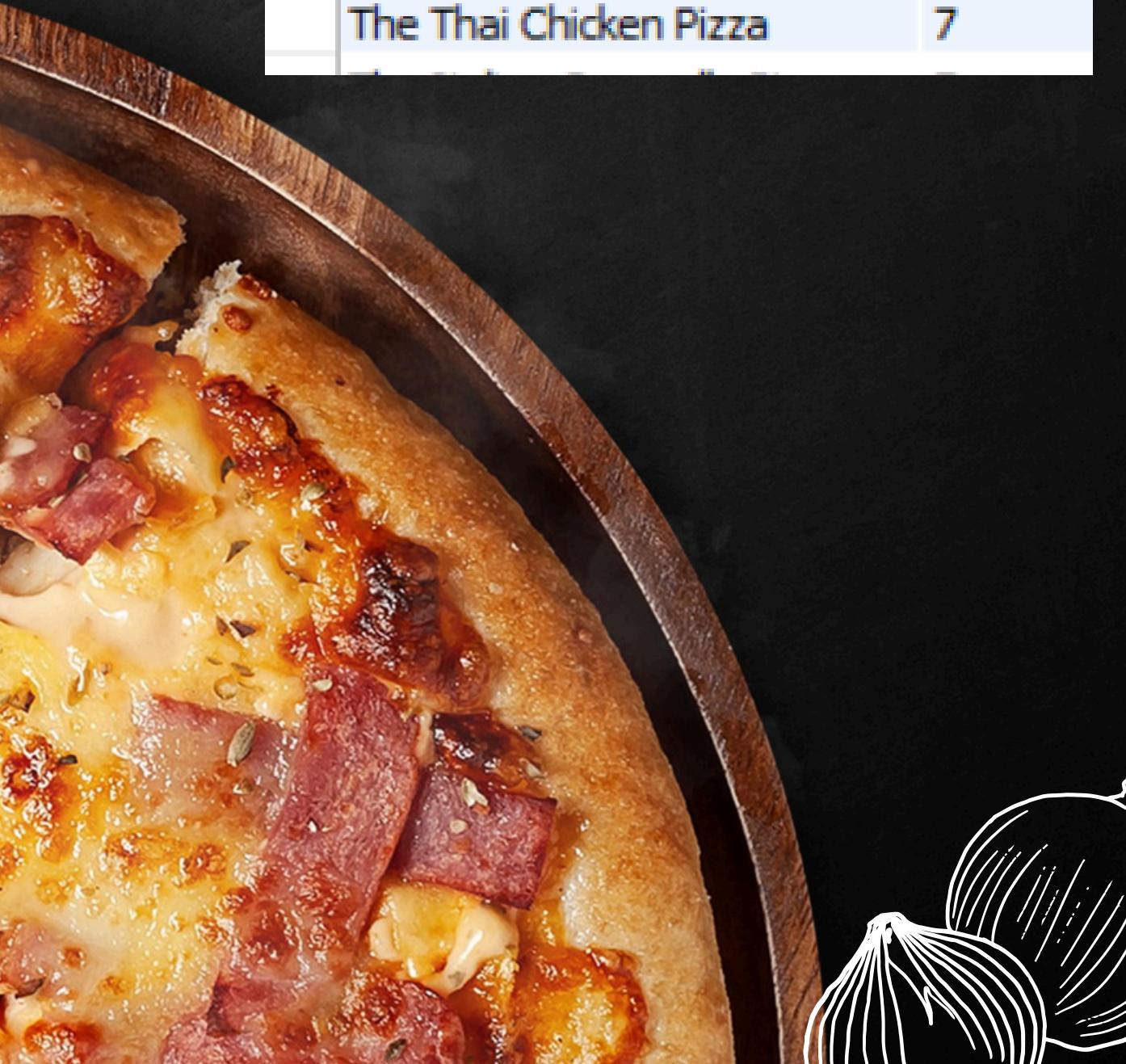


#List the top 5 most ordered pizza types along with their quantities.

```
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;
```



name	quantity
The Italian Supreme Pizza	12
The Mexicana Pizza	9
The Barbecue Chicken Pizza	8
The Thai Chicken Pizza	7



#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;
```

category	quantity
Veggie	37
Classic	34
Chicken	29
Supreme	28

#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 pizzas.pizza_type_id = pizza_types.pizza_type_id  
join order_details  
on order_details.pizza_id=pizzas.pizza_id  
group by pizza_types.name order by revenue desc limit 3;
```

result

	name	revenue
▶	The Italian Supreme Pizza	211
	The Mexicana Pizza	165.5
	The Barbecue Chicken Pizza	150



THANK YOU!

