



LARANA PIZZA





WELCOME TO LARANA PIZZA

- Welcome to a slice of heaven!
- Get ready to take your taste buds on a delicious journey!
- Pizza lovers, this is your moment!
- Let's dive into the world of cheesy goodness!
- Welcome to a celebration of flavor, fun, and, of course, pizza!
- Grab a slice and let's get started!
- The ultimate pizza experience starts here!





SALES OF PIZZA

REVENUE

Pizza sales have demonstrated strong growth over the past month, with an overall increase in revenue driven by both seasonal demand and new product offerings

CATEGORY

- classic
- veggie
- chicken
- supreme

RETRIVE THE TOTAL NUMBER OF ORDERS PLACES.

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

	total_orders
▶	21350

CALCULATE THE TOTAL REVENUE GENERATED FROM PIZZA SALES

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

total_sales
817860

IDENTIFY THE HIGHEST-PRICED PIZZA.

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

name	price
The Greek Pizza	35.95

IDENTIFY THE MOST COMMON PIZZA ORDERED

```
SELECT
    p.size, COUNT(od.order_details_id) AS order_count
FROM
    pizzas p
    JOIN
    order_details od ON p.pizza_id = od.pizza_id
GROUP BY p.size
ORDER BY order_count DESC;
```

	size	order_count
	L	18526
	M	15385
	S	14137
	XL	544
	XXL	28

DETERMINE THE DISTRIBUTION OF ORDERS BY HOUR OF THE DAY

```
SELECT
    HOUR(order_time) AS hour, COUNT(order_id) AS order_count
FROM
    orders
GROUP BY HOUR(order_time);
```

	hour	order_count
▶	11	1231
	12	2520
	13	2455
	14	1472
	15	1468
	16	1920
	17	2336
	18	2399
	19	2009
	20	1642

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

```
SELECT  
    ROUND(AVG(quantity), 0) AS avg_pizza_count  
FROM  
    (SELECT  
        o.order_date, SUM(od.quantity) AS quantity  
    FROM  
        orders o  
    JOIN order_details od ON o.order_id = od.order_id  
    GROUP BY o.order_date) AS order_quantity;
```

avg_pizza_count
138

DETERMINE TOP 3 MOST ORDERD PIZZA TYPES BASED ON REVENUE

```
select pt.name,sum(od.quantity*p.price) as revenue from pizza_types pt join pizzas p
on p.pizza_type_id=pt.pizza_type_id join
order_details od on od.pizza_id=p.pizza_id
group by pt.name
order by revenue
desc limit 3;
```

	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,
    ROUND(SUM(order_details.quantity * pizzas.price) / (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) * 100,
        0) 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
ORDER BY revenue DESC;
```

	category	revenue
	Classic	27
	Supreme	25
	Veggie	24
	Chicken	24

ANALYZE THE CUMULATIVE REVENUE GENERATED OVER TIME

```
select order_date,  
sum(revenue) over (order by order_date) as cum_revenue from  
(select orders.order_date,  
sum(order_details.quantity*pizzas.price)  
as revenue from order_details join pizzas  
on order_details.pizza_id=pizzas.pizza_id  
join orders  
on orders.order_id=order_details.order_id  
group by orders.order_date) as sales;
```

	order_date	cum_revenue
▶	2015-01-01	2713.85000000000004
	2015-01-02	5445.75
	2015-01-03	8108.15
	2015-01-04	9863.6
	2015-01-05	11929.55
	2015-01-06	14358.5
	2015-01-07	16560.7
	2015-01-08	19399.05

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

```
select name, revenue from
(select category, name, revenue,
rank() over(partition by category order by revenue desc) as rn
from
(select pizza_types.category, 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 order_details.pizza_id=pizzas.pizza_id
group by pizza_types.category, pizza_types.name) as a) as b
where rn<= 3;
```

	name	revenue
▶	The Thai Chicken Pizza	43434.25
	The Barbecue Chicken Pizza	42768
	The California Chicken Pizza	41409.5
	The Classic Deluxe Pizza	38180.5
	The Hawaiian Pizza	32273.25

OUR MENU

MOST TOP FAVOURITE PIZZA

- CHIKEN BARBEQUE PIZZA
- THIE CHIKEN PIZZA
- CALIFORNEA CHIKEN PIZZA



**BEST
SELLER**



MOZARELLA PIZZA






**FREE
DELIVERY
SERVICE**





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THANK YOU!

