



LARANA PIZZA

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WELCOME TO LARANA PIZZA

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LARANA PIZZA

RETRIEVE THE TOTAL NUMBER OF ORDERS PLACED.

SELECT

COUNT(order_id) AS total_orders

FROM

orders

Result Grid

total_orders

21350



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CALCULATE THE TOTAL REVENUE GENERATED FROM PIZZA SALES.

SELECT

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

2) AS total_sale

FROM

order_details

JOIN

pizzas ON pizzas.pizza_id = order_details.pizza_id

Result Grid |

total_sale

817860.05



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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 Row

	name	price
▶	The Greek Pizza	35.95



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IDENTIFY THE MOST COMMON PIZZA SIZE ORDERED.

SELECT

pizzas.size, COUNT(order_details.pizza_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;

Result Grid | Filter

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



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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 Classic Deluxe Pizza	2453
▶	The Barbecue Chicken Pizza	2432
▶	The Hawaiian Pizza	2422
▶	The Pepperoni Pizza	2418
▶	The Thai Chicken Pizza	2371



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
▶	Classic	14888
	Supreme	11987
	Veggie	11649
	Chicken	11050



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DETERMINE THE DISTRIBUTION OF ORDERS BY HOUR OF THE DAY.

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

	hour	oder_count
▶	11	1231
	12	2520
	13	2455
	14	1472
	15	1468
	16	1920
	17	2336
	18	2399
	19	2009
	20	1642
	21	1198
	22	663
	23	28
	10	8
	9	1



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

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

Result Grid | Filter Row

	category	count(name)
▶	Veggie	9
	Supreme	9
	Classic	8
	Chicken	6



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

```
SELECT
    ROUND(AVG(quantity), 0) as avg_pizza_ordered_per_day
FROM
    (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) AS order_qunty;
```

	Result Grid			Filter Rows:
	avg_pizza_ordered_per_day			
	138			



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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 Grid | Filter Rows:

	name	revenue
▶	The Thai Chicken Pizza	43434.25
	The Barbecue Chicken Pizza	42768
	The California Chicken Pizza	41409.5



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THANK YOU!

