

PIZZA SALE ANALYSIS



the total number of orders placed till now

```
SELECT  
    COUNT(*) AS total_order  
FROM  
    orders .
```

	total_order
▶	21350



the total revenue generated from pizza sales.

```
SELECT  
    ROUND(SUM(o.quantity * p.price), 2) AS revenue  
FROM  
    order_details o  
    JOIN  
    pizzas p ON o.pizza_id = p.pizza_id;
```

Result Grid		Filter Rows:
	revenue	
▶	548197.45	



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



the most common pizza size ordered.

```
SELECT p.size, count(od.order_details_id) as total  
FROM pizzas p  
JOIN order_details od ON p.pizza_id = od.pizza_id  
group by p.size  
order by total desc  
limit 1;
```

	size	total
▶	L	12401



the top 5 most ordered pizza types along with their quantities

```
select pt.name , count(od.quantity) as tot_q
from pizza_types pt
join pizzas p on pt.pizza_type_id=p.pizza_type_id
join order_details od on p.pizza_id=od.pizza_id
group by pt.name
order by tot_q desc
limit 5
```

	name	tot_q
►	The Barbecue Chicken Pizza	1620
	The Classic Deluxe Pizza	1594
	The Pepperoni Pizza	1592
	The Hawaiian Pizza	1554
	The California Chicken Pizza	1550



total quantity of each pizza category ordered

```
select pt.category , sum(od.quantity) as tot_q
from pizza_types pt
join pizzas p on pt.pizza_type_id=p.pizza_type_id
join order_details od on p.pizza_id=od.pizza_id
group by pt.category
order by tot_q desc
```

	category	tot_q
▶	Classic	9946
	Supreme	8041
	Veggie	7874
	Chicken	7352



the distribution of orders by hour of the day.

```
select hour(order_time), count(order_id)
from orders
group by hour(order_time)
```

	hour(order_time)	count(order_id)
▶	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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FIND THE CATEGORY-WISE DISTRIBUTION OF PIZZAS.

```
SELECT
    COUNT(name) AS cat_wise_dis, category
FROM
    pizza_types
GROUP BY category
```

	cat_wise_dis	category
▶	6	Chicken
	8	Classic
	9	Supreme
	9	Veggie



Group the orders by date and calculate the average number of pizzas ordered per day.

```
SELECT
    DATE(order_date) as orderdate, ROUND(AVG(order_id), 2) as avgorder
FROM
    orders
GROUP BY DATE(order_date)
```

	orderdate	avgorder
►	2015-01-01	35.00
	2015-01-02	103.00
	2015-01-03	169.50
	2015-01-04	228.50
	2015-01-05	281.50
	2015-01-06	340.50
	2015-01-07	401.50
	2015-01-08	466.50
	2015-01-09	533.50





THANK YOU!

