



Pizzaa Sales Analysis using Sql



ABOUT ME



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PROFILE

ASPIRING DATA ANALYST WITH SKILLS IN PYTHON, SQL, EXCEL, AND POWER BI. EXPERIENCED IN ANALYZING REAL-WORLD DATASETS AND BUILDING INTERACTIVE DASHBOARDS TO DERIVE ACTIONABLE BUSINESS INSIGHTS.

MOST POPULAR PIZZA SIZE

```
--  Top 3 Pizza Categories by Revenue
SELECT `pizza_types[1]`.category,
       ROUND(SUM(order_details.quantity * `pizzas[1]`.price), 2) AS revenue
FROM order_details
JOIN `pizzas[1]` ON order_details.pizza_id = `pizzas[1]`.pizza_id
JOIN `pizza_types[1]` ON `pizzas[1]`.pizza_type_id = `pizza_types[1]`.pizza_type_id
GROUP BY `pizza_types[1]`.category
ORDER BY revenue DESC
LIMIT 3;
```

OUTPUT

category	revenue
Classic	220053.1
Supreme	208197
Chicken	195919.5

HOURLY ORDER DISTRIBUTION

```
-- ☑ Hourly Order Distribution
SELECT HOUR(order_time) AS hour,
       COUNT(*) AS total_orders
FROM orders
GROUP BY hour
ORDER BY hour;
```

OUTPUT

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

HOURLY ORDER DISTRIBUTION

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FROM orders
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OUTPUT

hour	total_orders
9	1
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19	2009
20	1642
21	1198

BUSIEST ORDER DAY TOP(5)

```
--  Busiest Order Days (Top 5)
SELECT DATE(order_date) AS date,
       COUNT(*) AS total_orders
FROM orders
GROUP BY DATE(order_date)
ORDER BY total_orders DESC
LIMIT 5;
```

OUTPUT

	date	total_orders
▶	2015-11-27	115
	2015-11-26	113
	2015-10-15	107
	2015-07-04	105
	2015-05-15	94

DAILY ORDER DISTRIBUTION

```
--  Daily Order Distribution
SELECT DATE(order_date) AS date, COUNT(*) AS total_orders
FROM orders
GROUP BY DATE(order_date)
ORDER BY date;
```

OUTPUT

date	total_orders
2015-01-01	69
2015-01-02	67
2015-01-03	66
2015-01-04	52
2015-01-05	54
2015-01-06	64
2015-01-07	58
2015-01-08	72
2015-01-09	62
2015-01-10	65
2015-01-11	52
2015-01-12	55
2015-01-13	49

AVERAGE PIZZA PRICE BY CATEGORY

```
-- ☑ Average Pizza Price by Category
SELECT `pizza_types[1]`.category,
       ROUND(AVG(`pizzas[1]`.price), 2) AS avg_price
  FROM `pizza_types[1]`
 JOIN `pizzas[1]` ON `pizza_types[1]`.pizza_type_id = `pizzas[1]`.pizza_type_id
 GROUP BY `pizza_types[1]`.category;
```

OUTPUT

category	avg_price
Chicken	16.75
Classic	16.33
Supreme	16.79
Veggie	16.02

TOTAL PIZZAS ORDERED PER PIZZAS TYPE

```
--  Total Pizzas Ordered per Pizza Type
SELECT `pizza_types[1]`.name,
       SUM(order_details.quantity) AS quantity
  FROM `pizza_types[1]`
 JOIN `pizzas[1]` ON `pizza_types[1]`.pizza_type_id = `pizzas[1]`.pizza_type_id
 JOIN order_details ON order_details.pizza_id = `pizzas[1]`.pizza_id
 GROUP BY `pizza_types[1]`.name
 ORDER BY quantity DESC;
```

OUTPUT

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
The California Chicken Pizza	2370
The Sicilian Pizza	1938
The Spicy Italian Pizza	1924
The Southwest Chicken Pizza	1917
The Big Meat Pizza	1914
The Four Cheese Pizza	1902
The Italian Supreme Pizza	1884
The Vegetables + Vegetable...	1526
The Mexicana Pizza	1484
The Napolitana Pizza	1464

TOP 5 MOST ORDER PIZZA TYPE

```
-- ☑ Top 5 Most Ordered Pizza Types
SELECT `pizza_types[1]`.name, SUM(order_details.quantity) AS total_ordered
FROM order_details
JOIN `pizzas[1]` ON order_details.pizza_id = `pizzas[1]`.pizza_id
JOIN `pizza_types[1]` ON `pizzas[1]`.pizza_type_id = `pizza_types[1]`.pizza_type_id
GROUP BY `pizza_types[1]`.name
ORDER BY total_ordered DESC
LIMIT 5;
```

OUTPUT

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

TOTAL REVENUE GENERATED

```
-- ☑ Total Revenue Generated
SELECT SUM(order_details.quantity * pizzas.price) AS total_revenue
FROM order_details
JOIN `pizzas[1]` AS pizzas ON order_details.pizza_id = pizzas.pizza_id;
```

OUTPUT

total_revenue
817860.049999993

TOTAL QUANTITY SOLD FOR EACH PIZZA TYPE

```
-- ☑ Total Quantity Sold for Each Pizza Type
SELECT `pizza_types[1]`.name,
       SUM(order_details.quantity) AS quantity
  FROM `pizza_types[1]`
 JOIN `pizzas[1]` ON `pizza_types[1]`.pizza_type_id = `pizzas[1]`.pizza_type_id
 JOIN order_details ON order_details.pizza_id = `pizzas[1]`.pizza_id
 GROUP BY `pizza_types[1]`.name
 ORDER BY quantity DESC;
```

OUTPUT

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



BORCELLE
RESTAURANT

THANK YOU

