

PIZZA RESTAURANT SALES QUERIES

```
use pizza_project;  
select * from cleaned_pizza_sales;
```

KPI**-- Total Revenues**

```
select format(sum(total_price),2) AS 'Total Revenues'  
from cleaned_pizza_sales;
```

Total Revenues	
817,860.05	

-- Total Pizzas Sold

```
select format(sum(quantity),2) as 'Total Pizzas Sold'  
from cleaned_pizza_sales;
```

Total Pizzas Sold	
49,574.00	

-- Total Orders

```
select format(count(distinct order_id),2) as 'Total Orders'  
from cleaned_pizza_sales;
```

Total Orders	
21,350.00	

Trend**-- Monthly Revenue**

```
SELECT  
    DATE_FORMAT(order_date, '%M') AS Month,  
    FORMAT(SUM(total_price), 2) AS 'Total Revenue'  
FROM cleaned_pizza_sales  
GROUP BY DATE_FORMAT(order_date, '%M'), MONTH(order_date)  
ORDER BY MONTH(order_date);
```

Month	Total Revenue	
January	69,793.30	
February	65,159.60	
March	70,397.10	
April	68,736.80	
May	71,402.75	
June	68,230.20	
July	72,557.90	
August	68,278.25	
September	64,180.05	
October	64,027.60	
November	70,395.35	
December	64,701.15	

-- Revenue by Day of the Week

```

SELECT
    DATE_FORMAT(order_date, '%W') AS DayOfWeek,
    FORMAT(SUM(total_price), 2) AS 'Total Revenue'
FROM cleaned_pizza_sales
GROUP BY WEEKDAY(order_date), DATE_FORMAT(order_date, '%W')
ORDER BY WEEKDAY(order_date);

```

This pivot table summarizes total revenue by day of the week to identify any trends in customer behavior based on weekdays.

DayOfWeek	Total Revenue	
Monday	107,329.55	
Tuesday	114,133.80	
Wednesday	114,408.40	
Thursday	123,528.50	
Friday	136,073.90	
Saturday	123,182.40	
Sunday	99,203.50	

-- Revenue per time of day

```

SELECT
    HOUR(order_time) AS HourOfDay,
    FORMAT(SUM(total_price), 2) AS 'Total Revenue'
FROM cleaned_pizza_sales
GROUP BY HOUR(order_time)
ORDER BY HourOfDay;

```

HourOfDay	Total Revenue	
9	83.00	
10	303.65	
11	44,935.80	
12	111,877.90	
13	106,065.70	
14	59,201.40	
15	52,992.30	
16	70,055.40	
17	86,237.45	
18	89,296.85	
19	72,628.90	
20	58,215.40	
21	42,029.80	
22	22,815.15	
23	1,121.35	

Distribution

-- Total Revenue by Category

```

SELECT
    pizza_category AS Category,
    FORMAT(SUM(total_price), 2) AS 'Total Revenue',
    CONCAT(ROUND(SUM(total_price)*100/(SELECT SUM(total_price) FROM
cleaned_pizza_sales),2),'%') AS 'Revenue Share'
FROM cleaned_pizza_sales
GROUP BY pizza_category
ORDER BY SUM(total_price) DESC;

```

Category	Total Revenue	Revenue Share	
Classic	220,053.10	26.91%	
Supreme	208,197.00	25.46%	
Chicken	195,919.50	23.96%	
Veggie	193,690.45	23.68%	

-- Total Revenue by Size

```
SELECT
  pizza_category AS Category,
  FORMAT(SUM(total_price), 2) AS 'Total Revenue',
  CONCAT(ROUND(SUM(total_price) * 100 / (SELECT SUM(total_price) FROM
cleaned_pizza_sales), 2), '%') AS 'Revenue Share'
FROM cleaned_pizza_sales
GROUP BY pizza_category
ORDER BY SUM(total_price) DESC;
```

Size	Total Revenue	Revenue Share	
Large	375,318.70	45.89%	
Medium	249,382.25	30.49%	
Small	178,076.50	21.77%	
X-Large	14,076.00	1.72%	
XX-Large	1,006.60	0.12%	

Statistics

-- Average quantity sold

```
SELECT
  ROUND(AVG(quantity), 2) AS 'Average Quantity Sold'
FROM cleaned_pizza_sales;
```

Average Quantity S...	
1.02	

-- Average quantity podľa kategórie pizze:

-- podozrive ze stale 1,02 je to dobre ???!!

```
SELECT
  pizza_category AS Category,
  ROUND(AVG(quantity), 2) AS 'Average Quantity Sold'
FROM cleaned_pizza_sales
GROUP BY pizza_category
ORDER BY AVG(quantity) DESC;
```

Category	Average Quantity S...	
Chicken	1.02	
Classic	1.02	
Supreme	1.02	
Veggie	1.02	

-- Average quantity Podľa dňa v týždni (Monday–Sunday):

-- podozrive ze stale 1,02 je to dobre ???!!

```
SELECT
```

```

DATE_FORMAT(order_date, '%W') AS Day,
ROUND(AVG(quantity), 2) AS 'Average Quantity Sold'
FROM cleaned_pizza_sales
GROUP BY WEEKDAY(order_date), DATE_FORMAT(order_date, '%W')
ORDER BY WEEKDAY(order_date);

```

-- Average Revenue

-- Priemerné tržby na riadok (záznam)

```

SELECT
ROUND(AVG(total_price), 2) AS 'Average Revenue per Row'
FROM cleaned_pizza_sales;

```

Average Revenue per Row	
16.82	

-- Priemerné tržby na objednávku

```

SELECT
ROUND(AVG(order_total), 2) AS 'Average Revenue per Order'
FROM (
SELECT order_id, SUM(total_price) AS order_total
FROM cleaned_pizza_sales
GROUP BY order_id
) AS order_summary;

```

Average Revenue per Ord...	
38.31	

-- Priemerné tržby za deň

```

SELECT
format(AVG(daily_total),2) AS 'Average Daily Revenue'
FROM (
SELECT order_date, SUM(total_price) AS daily_total
FROM cleaned_pizza_sales
GROUP BY order_date
) AS daily_summary;

```

Average Daily Revenue	
2,284.53	

-- 5 TOP Pizza based on Revenues

```

SELECT
pizza_name AS 'Pizza Name',
FORMAT(SUM(total_price), 2) AS 'Total Revenue',

```

```

CONCAT(ROUND(SUM(total_price) * 100 / (SELECT SUM(total_price) FROM
cleaned_pizza_sales), 2), '%') AS 'Revenue Share'
FROM cleaned_pizza_sales
GROUP BY pizza_name
ORDER BY SUM(total_price) DESC
LIMIT 5;

```

Pizza Name	Total Revenue	Revenue Share	
The Thai Chicken Pizza	43,434.25	5.31%	
The Barbecue Chicken Pizza	42,768.00	5.23%	
The California Chicken Pizza	41,409.50	5.06%	
The Classic Deluxe Pizza	38,180.50	4.67%	
The Spicy Italian Pizza	34,831.25	4.26%	

-- 5 LAST Pizza based on Revenues

```

SELECT
  pizza_name AS 'Pizza Name',
  FORMAT(SUM(total_price), 2) AS 'Total Revenue',
  CONCAT(ROUND(SUM(total_price) * 100 / (SELECT SUM(total_price) FROM
cleaned_pizza_sales), 2), '%') AS 'Revenue Share'
FROM cleaned_pizza_sales
GROUP BY pizza_name
ORDER BY SUM(total_price) ASC
LIMIT 5;

```

Pizza Name	Total Revenue	Revenue Share	
The Brie Carre Pizza	11,588.50	1.42%	
The Green Garden Pizza	13,955.75	1.71%	
The Spinach Supreme Pizza	15,277.75	1.87%	
The Mediterranean Pizza	15,360.50	1.88%	
The Spinach Pesto Pizza	15,596.00	1.91%	

-- TOP 5 Pizza based on Quantity

```

SELECT
  pizza_name AS 'Pizza Name',
  format(SUM(quantity),2) AS 'Total Quantity Sold'
FROM cleaned_pizza_sales
GROUP BY pizza_name
ORDER BY SUM(quantity) DESC
LIMIT 5;

```

Pizza Name	Total Quantity S...	
The Classic Deluxe Pizza	2,453.00	
The Barbecue Chicken Pizza	2,432.00	
The Hawaiian Pizza	2,422.00	
The Pepperoni Pizza	2,418.00	
The Thai Chicken Pizza	2,371.00	