**PIZZA SALES SQL QUERIES**

1. **KPI’s**
2. **Total revenue :**

**SELECT** SUM(total\_price) as total\_revenue

**FROM** pizza\_sales;



1. **Average amount apent per order :**

**SELECT** ROUND(SUM(total\_price)/COUNT(DISTINCT order\_id), 2) AS average\_order\_value

**FROM** pizza\_sales;



1. **Total pizzas sold for each pizza type and percentage to total sales** :

**SELECT** pizza\_name\_id, SUM(quantity) AS total\_quantity,

CONCAT(ROUND(SUM(quantity) / (SELECT SUM(quantity) FROM pizza\_sales) \* 100, 3), " %") AS percentage\_total\_sales

**FROM** pizza\_sales

**GROUP BY** pizza\_name\_id;

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1. **The total number of orders placed :**

**SELECT** COUNT(DISTINCT order\_id) AS total\_orders

**FROM** pizza\_sales;

A close-up of a number

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1. **The average number of pizzas sold per order** :

**SELECT** COUNT(quantity) / COUNT(DISTINCT order\_id) AS average\_pizzas\_per\_order

**FROM** pizza\_sales;

A close up of a computer screen

Description automatically generated

1. **TRENDS FOR MONTHLY, DAILY AND HOURLY**
2. **Monthly trend for total order and revenue :**

**SELECT**

MONTH(STR\_TO\_DATE(order\_date, '%d-%m-%Y')) AS order\_month,

COUNT(DISTINCT order\_id) AS total\_orders,

CONCAT('$ ', ROUND(SUM(total\_price), 3)) AS revenue

**FROM** pizza\_sales

**GROUP BY** order\_month

**ORDER BY** order\_month;

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1. **Weekly trend for total order and revenue :**

**SELECT**

WEEK(STR\_TO\_DATE(order\_date, '%d-%m-%Y')) AS order\_week,

COUNT(DISTINCT order\_id) AS total\_orders,

CONCAT('$ ', ROUND(SUM(total\_price), 3)) AS revenue

**FROM** pizza\_sales

**GROUP BY** order\_week

**ORDER BY** order\_week;

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1. **Daily trend for total orders and revenue :**

**SELECT**

DAYNAME(STR\_TO\_DATE(order\_date, '%d-%m-%Y')) AS order\_day,

COUNT(DISTINCT order\_id) AS total\_orders,

CONCAT('$ ', ROUND(SUM(total\_price), 3)) AS revenue

**FROM** pizza\_sales

**GROUP BY** order\_day;

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1. **Hourly trend for total orders and revenue :**

**SELECT**

SUBSTRING(order\_time, 1, 2) AS hour,

COUNT(DISTINCT order\_id) AS total\_orders,

CONCAT('$ ', ROUND(SUM(total\_price), 3)) AS revenue

**FROM** pizza\_sales

**GROUP BY** hour

**ORDER BY** hour;

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1. **PERCENTAGE SALES BY PIZZA CATEGORY AND PIZZA SIZES**
2. **Percentage of sales by pizza category :**

**SELECT**

pizza\_category,

SUM(quantity) AS total\_pizza\_sales\_category,

CONCAT(SUM(quantity) / (SELECT SUM(quantity) FROM pizza\_sales) \* 100, ' %') AS sales\_percentage,

CONCAT(ROUND(SUM(total\_price), 3), '%') AS revenue,

CONCAT(ROUND(SUM(total\_price) / (SELECT SUM(total\_price) FROM pizza\_sales) \* 100, 3), ' %') AS revenue\_percentage

**FROM** pizza\_sales

**GROUP BY** pizza\_category

**ORDER BY** revenue desc;

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1. **Percentage of sales by pizza sizes :**

**SELECT**

pizza\_size,

SUM(quantity) AS total\_pizza\_sales,

CONCAT(SUM(quantity) / (SELECT SUM(quantity) FROM pizza\_sales) \* 100, ' %') AS sales\_percentage,

CONCAT(ROUND(SUM(total\_price), 3), '%') AS revenue,

CONCAT(ROUND(SUM(total\_price) / (SELECT SUM(total\_price) FROM pizza\_sales) \* 100, 3), ' %') AS revenue\_percentage

**FROM** pizza\_sales

**GROUP BY** pizza\_size

**ORDER BY** revenue desc;

A screenshot of a graph

Description automatically generated

1. **TOP 5 BEST AND WORST SELLERS**
2. **Top 5 best sellers total pizzas sold :**

**SELECT**

pizza\_name,

SUM(quantity) AS sales\_number

**FROM** pizza\_sales

**GROUP BY** pizza\_name

**ORDER BY** sales\_number desc

**LIMIT** 5;

A screenshot of a menu

Description automatically generated

1. **Top 5 worst sellers total pizzas sold :**

**SELECT**

pizza\_name,

SUM(quantity) AS sales\_number

**FROM** pizza\_sales

**GROUP BY** pizza\_name

**ORDER BY** sales\_number asc

**LIMIT** 5;

A screenshot of a menu

Description automatically generated