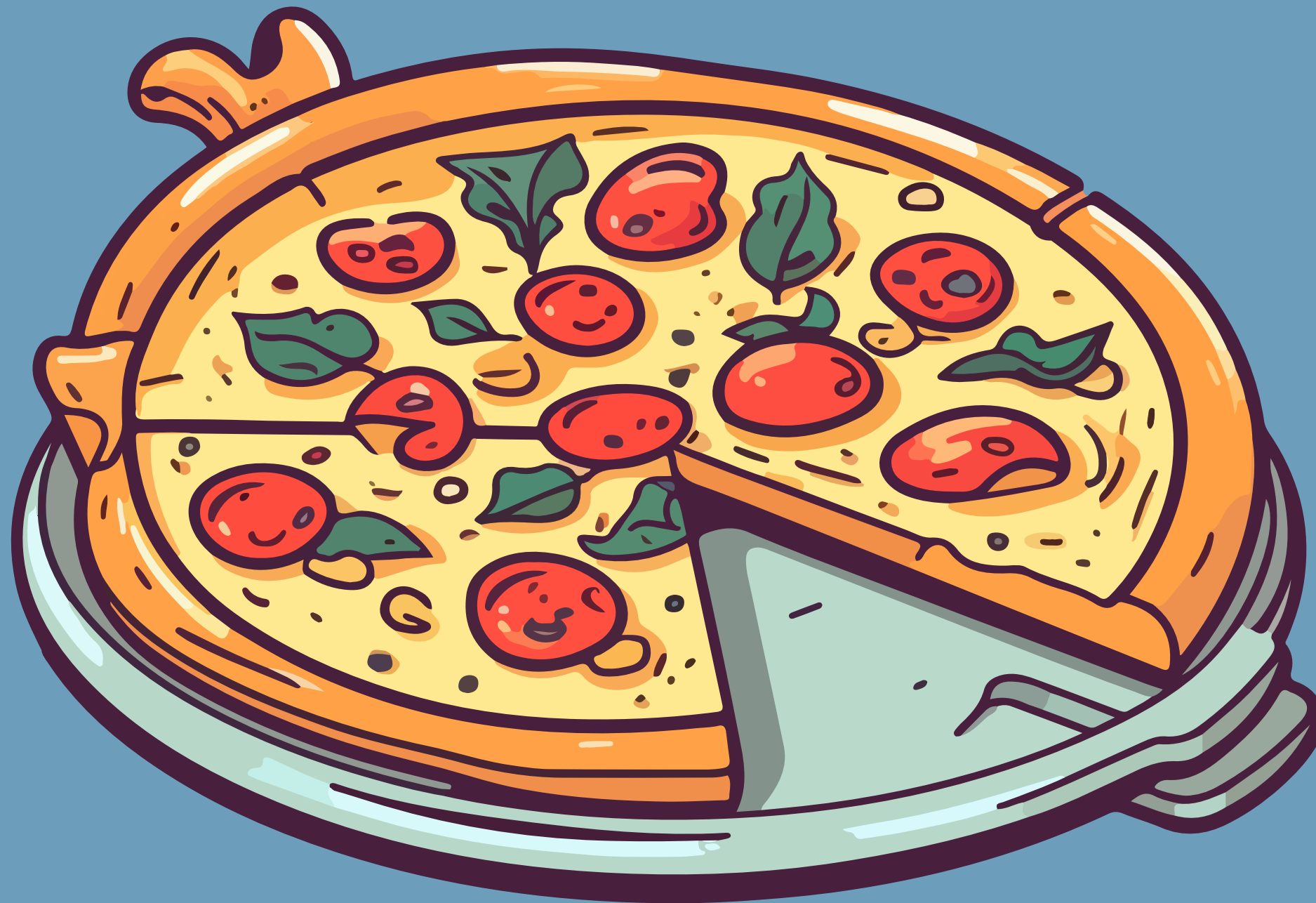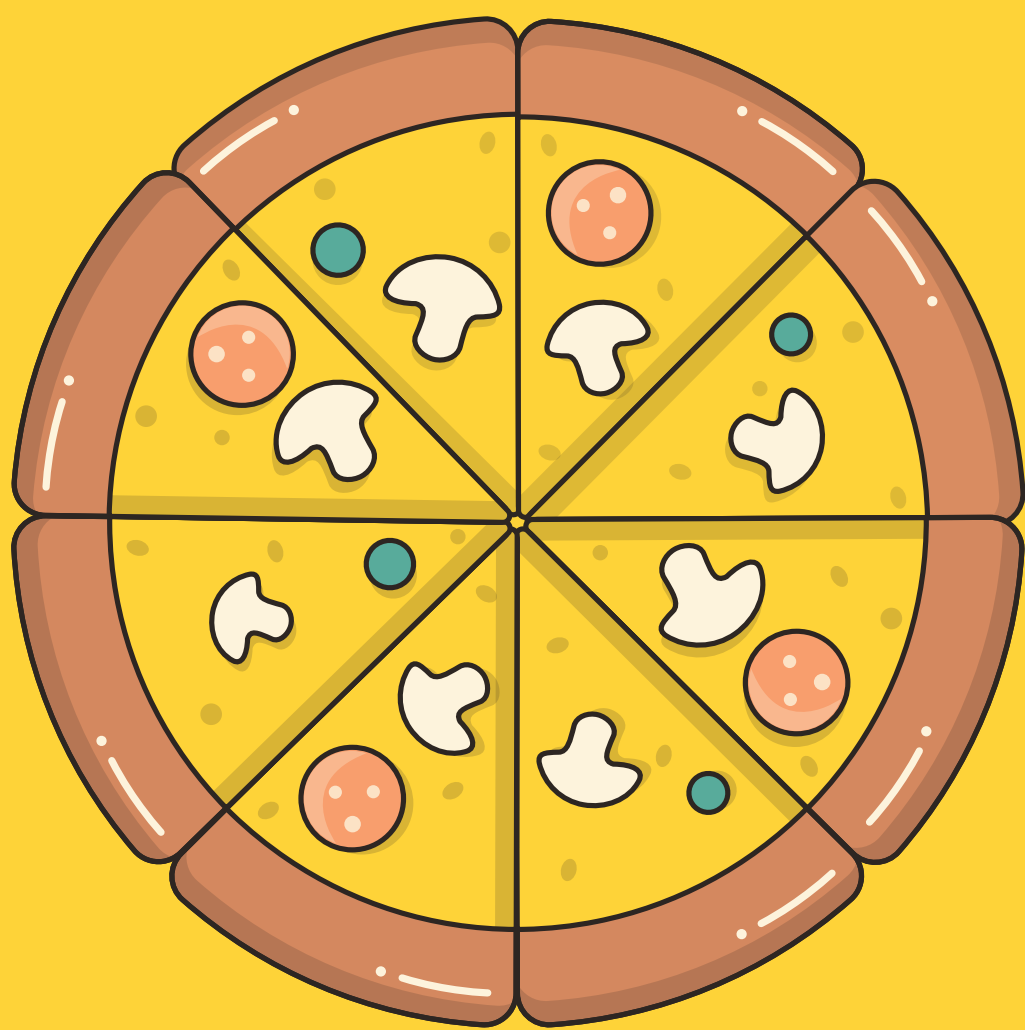# PIZZA SALES REPORT BY SQL

```sql
-- AVERAGE ORDER VELUE:
SELECT
    ROUND(SUM(total_price) / COUNT(DISTINCT order_id),
            2) AS avg_order_values
FROM
    pizza_sales;
```
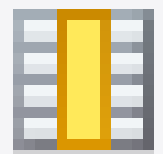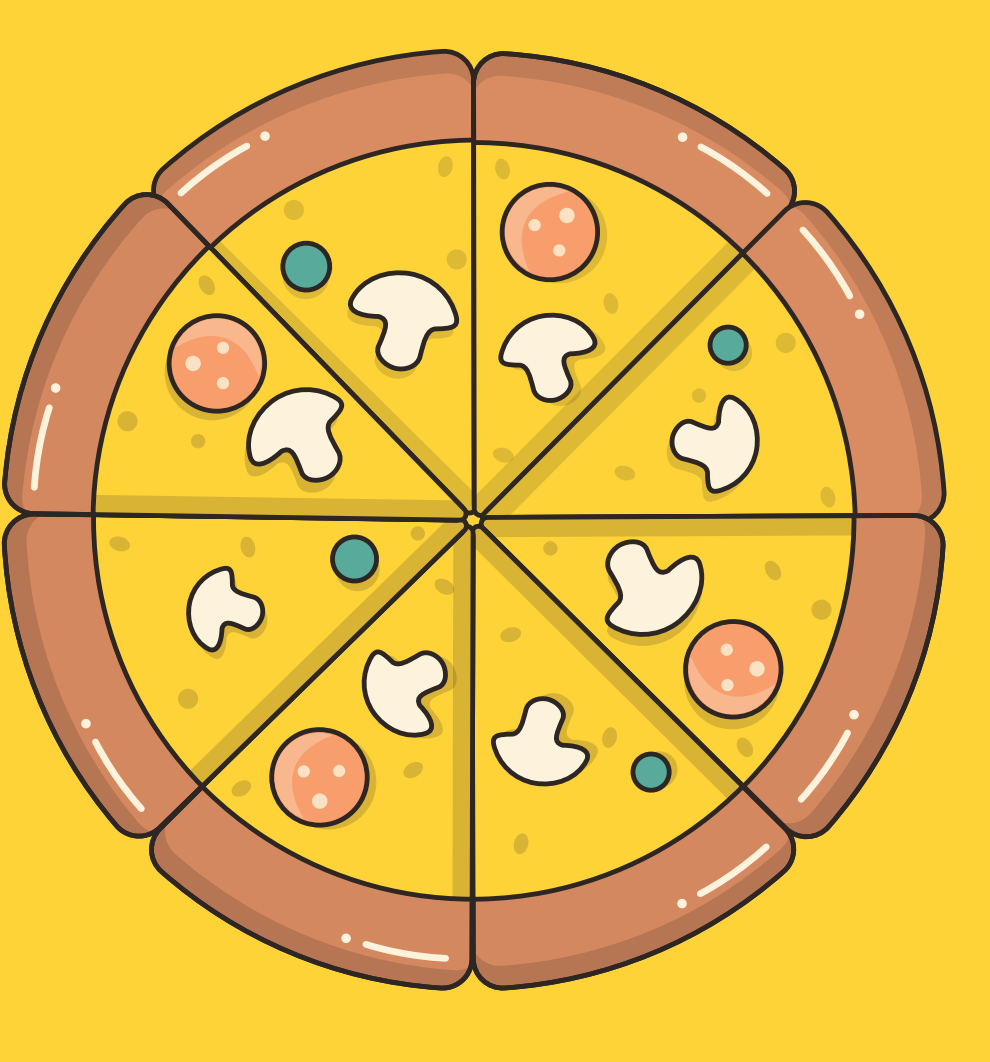
Result Grid

	avg_order_values
▶	45.95

```sql
-- TOTAL PIZZA SOLD
SELECT
    SUM(quantity) AS total_pizza_sold
FROM
    pizza_sales;
```
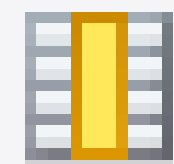
Result Grid

	total_pizza_sold
▶	7179
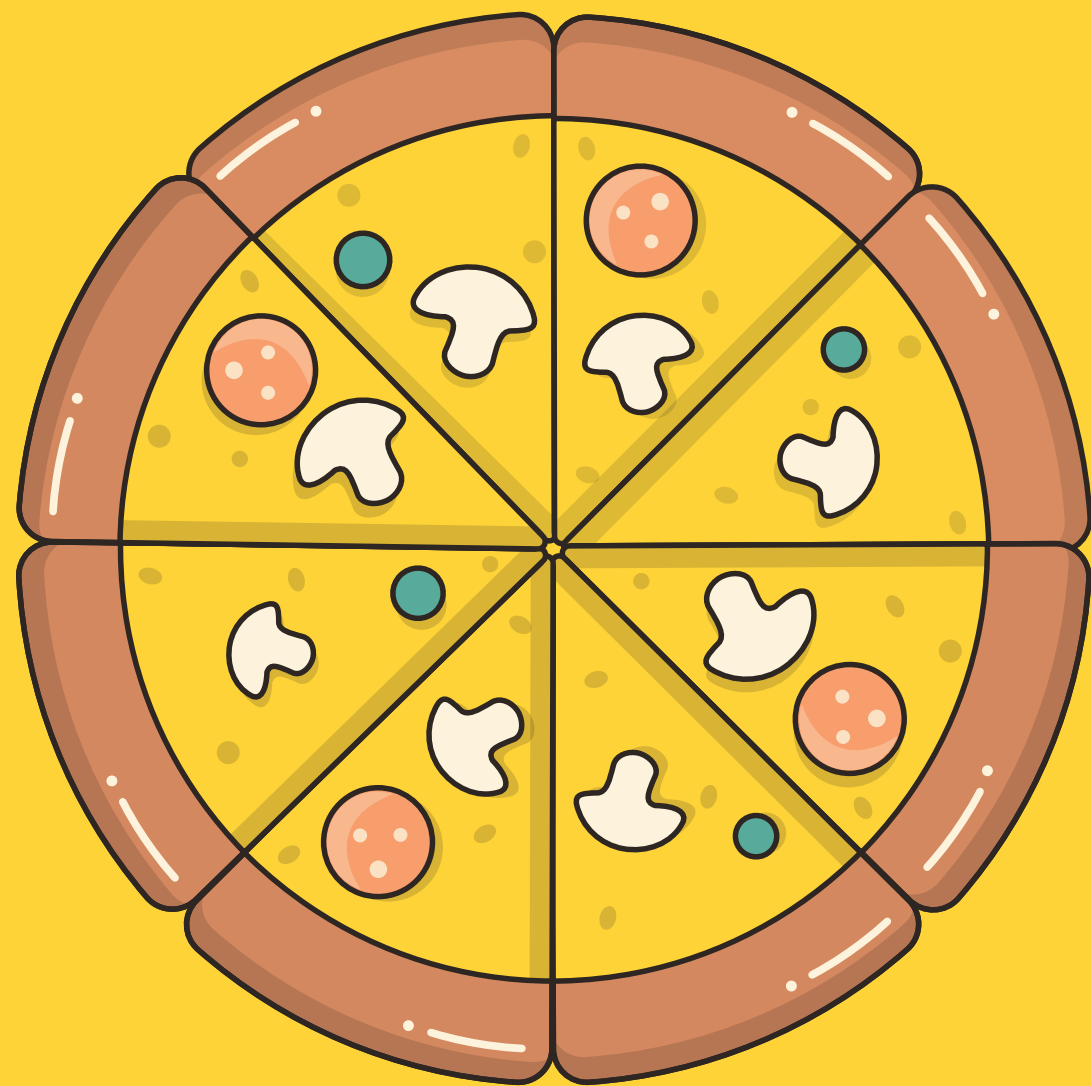
```sql
-- TOTAL ORDERS:
SELECT
COUNT(DISTINCT order_id) AS totle_sold
FROM
pizza_sales;
```

Result Grid	
	totle_sold
▶	2590
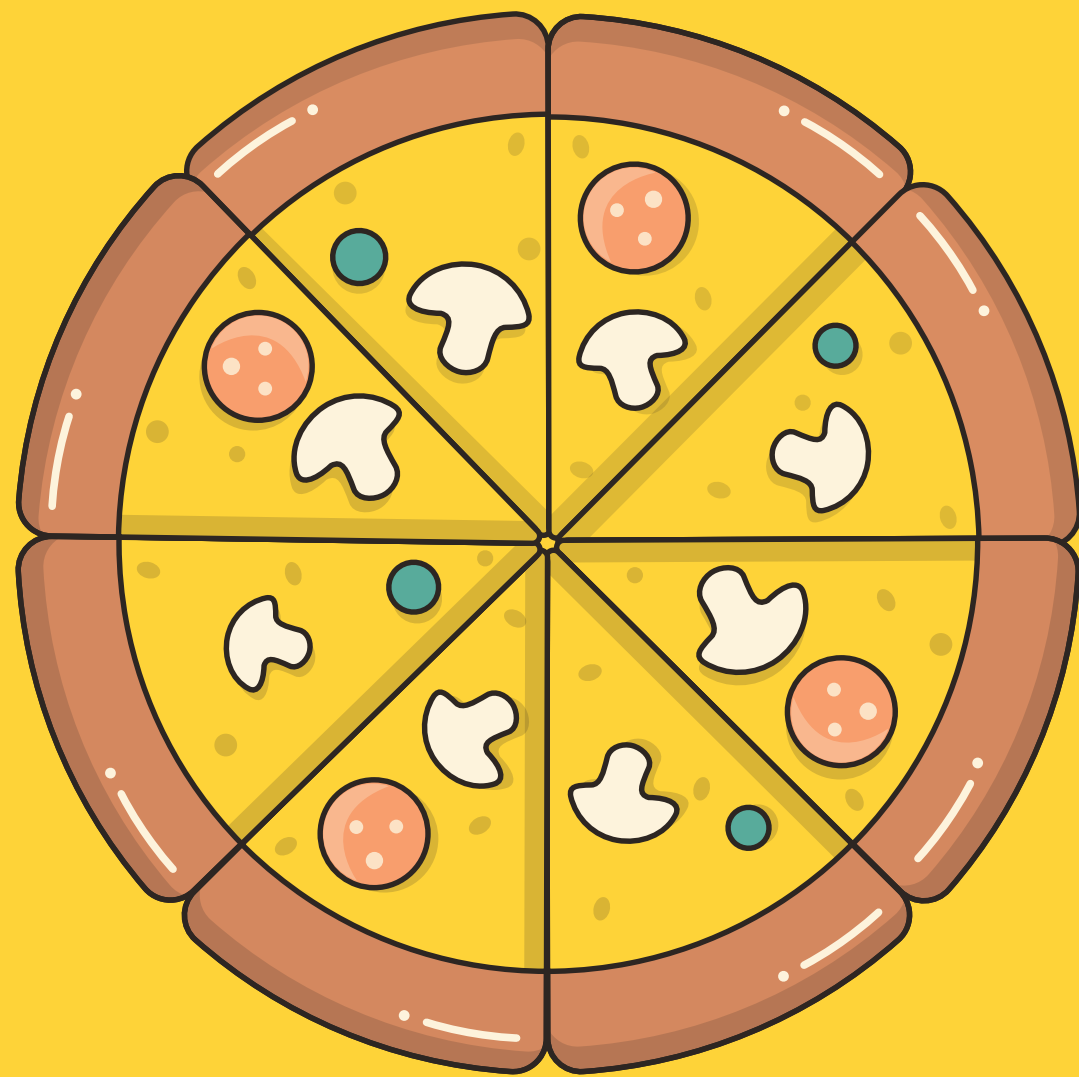
```sql
      -- AVERAGE PIZZA PER ORDERS:
SELECT
     ROUND(SUM(quantity) / COUNT(DISTINCT order_id),
                2) AS avg_pizza
FROM
     pizza_sales;
```
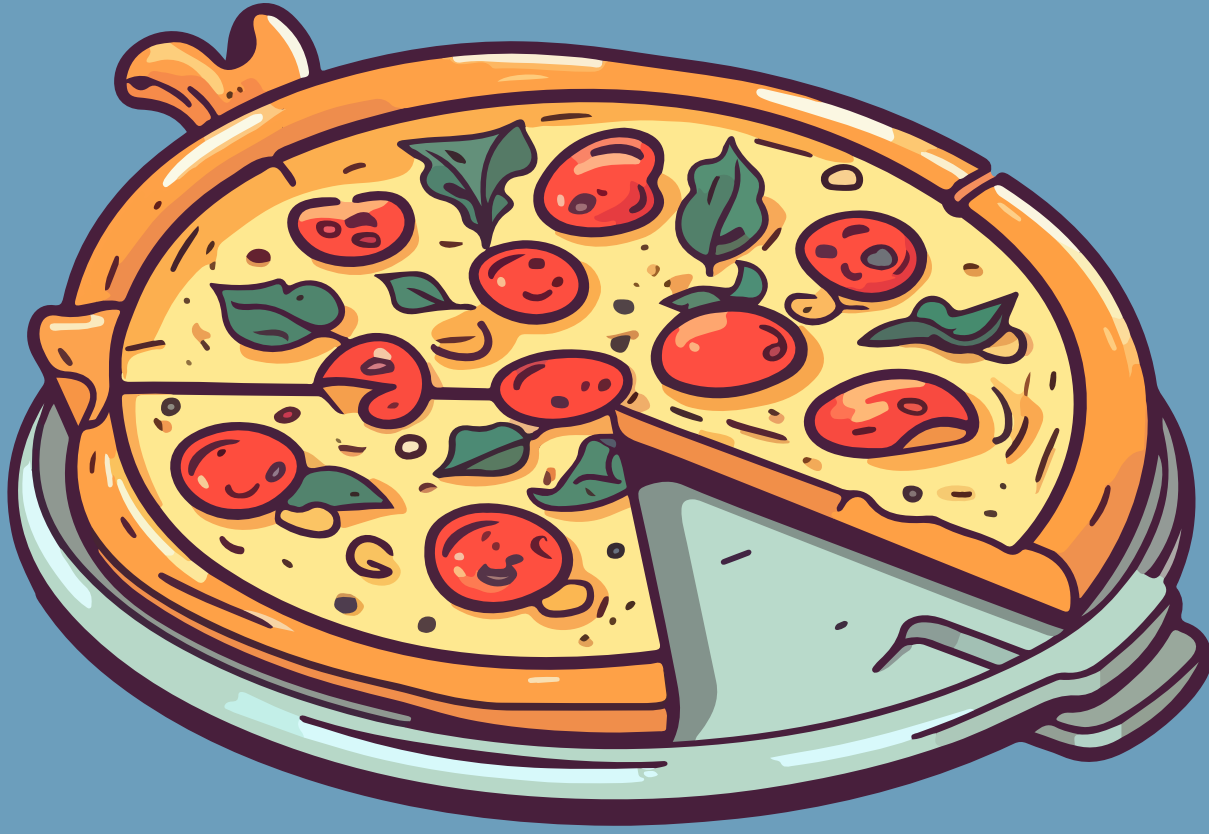
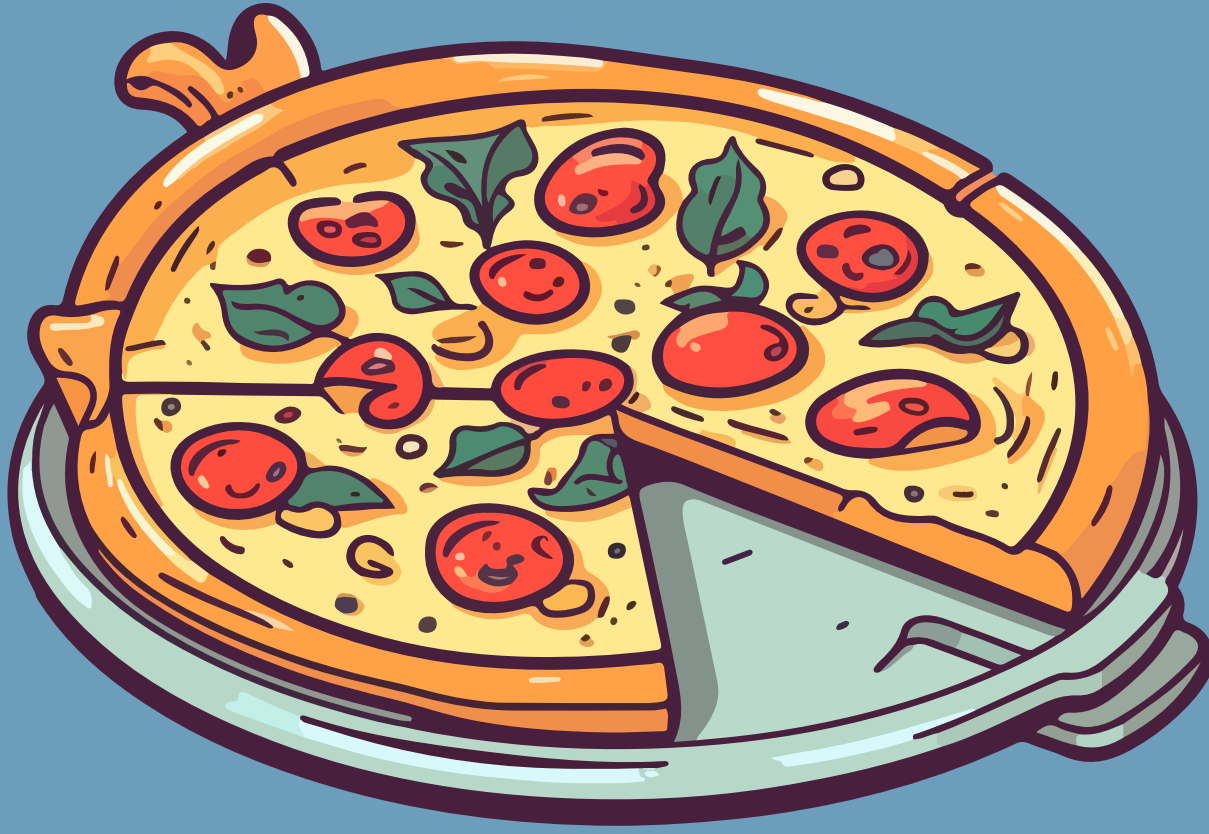**Result Grid**
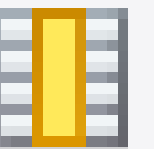
	avg_pizza
▶	2.77

```
-- 1. DAILY TREND FOR TOTAL ORDERS:

SELECT
    DAY(order_time) AS order_day,
    COUNT(DISTINCT order_id) AS total_orders
FROM
    pizza_sales
GROUP BY DAY(order_time);
```

	order_day	total_orders
▶	NULL	2430
	0	18
	1	6
	2	4
	3	5

```sql
-- MONTHLY TREND FOR ORDERS:
SELECT
    MONTHNAME(order_time) AS month_name,
    COUNT(DISTINCT order_id) AS total_orders
FROM
    pizza_sales
GROUP BY MONTHNAME(order_time)
ORDER BY total_orders;
```
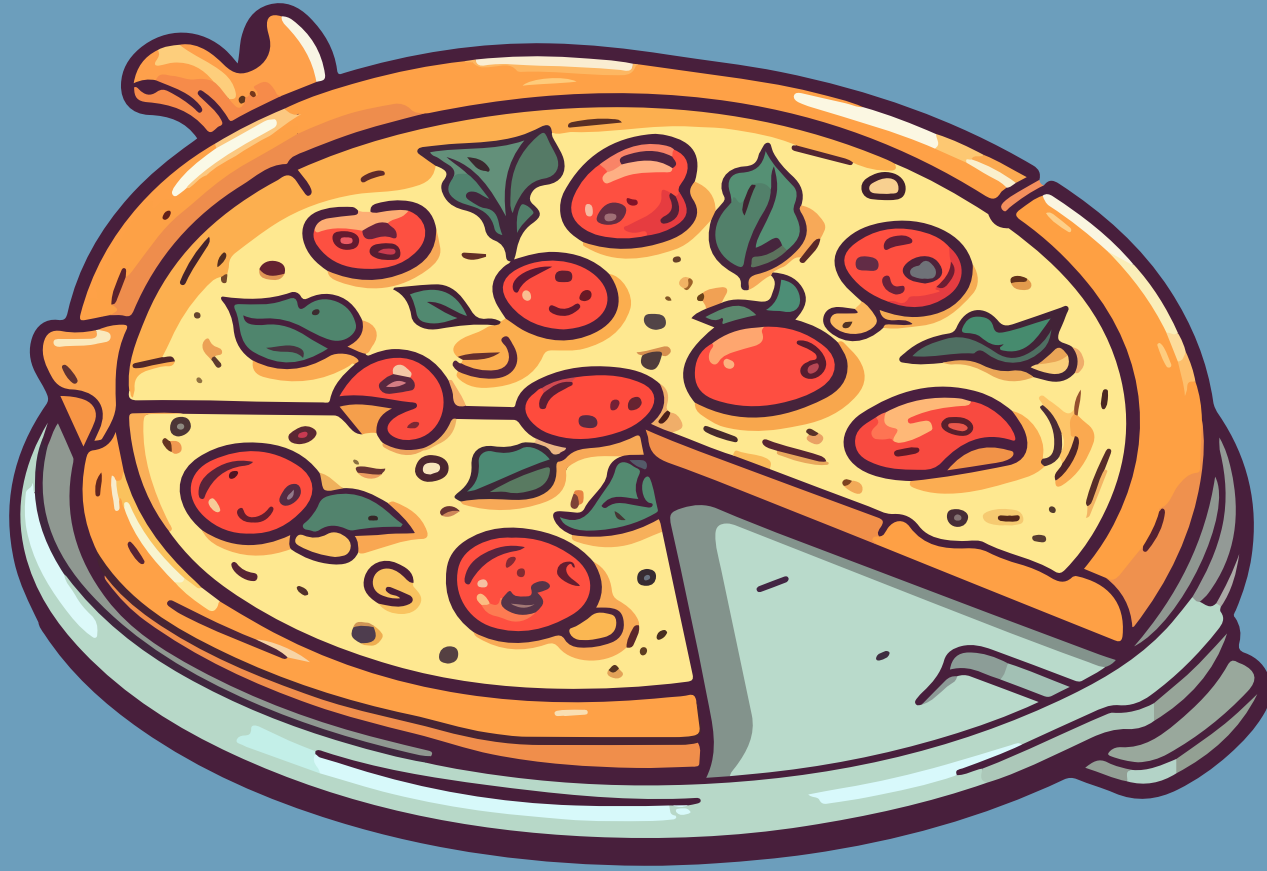
Result Grid | Filter Rows

month_name	total_orders
June	23
October	24
September	24
August	26
April	27

```sql
-- PERCENTAGE OF SALES BY PIZZA CATEGORY:
SELECT
    pizza_category,
    ROUND(SUM(total_price), 2) AS tolal_orders,
    SUM(total_price) * 100 / (SELECT
            SUM(total_price)
        FROM
            pizza_sales) AS category_percentage
FROM
    pizza_sales
GROUP BY pizza_category
ORDER BY category_percentage;
```

pizza_category	tolal_orders	category_percentage
Chicken	27596.95	23.18671993480124
Veggie	28557.95	23.994143865972806
Supreme	30101.95	25.291399380779055
Classic	32763.65	27.527736818447348
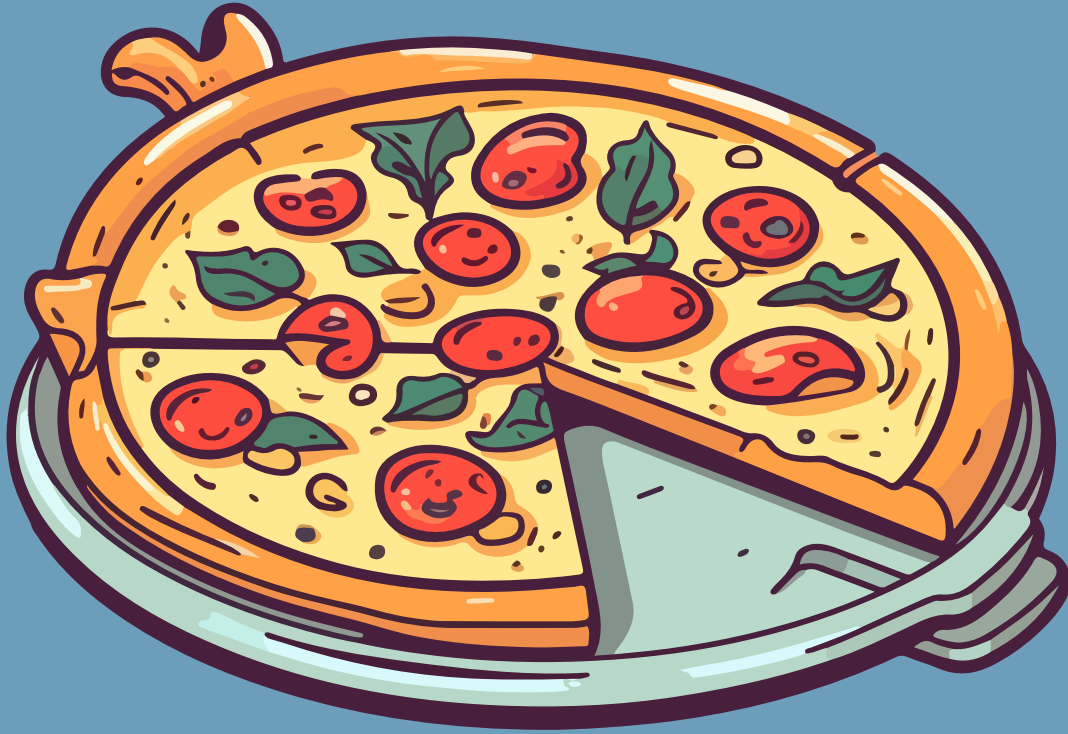
```sql
-- PERCENTAGE OF SALES BY PIZZA SIZE:
SELECT
    pizza_size,
    ROUND(SUM(total_price), 2) AS total_orders,
    cast(SUM(total_price) * 100 / (SELECT
            SUM(total_price)
        FROM
            pizza_sales) as decimal (10,2)) AS percent_of_pizza_size
FROM
    pizza_sales
GROUP BY pizza_size
ORDER BY total_orders desc;
```
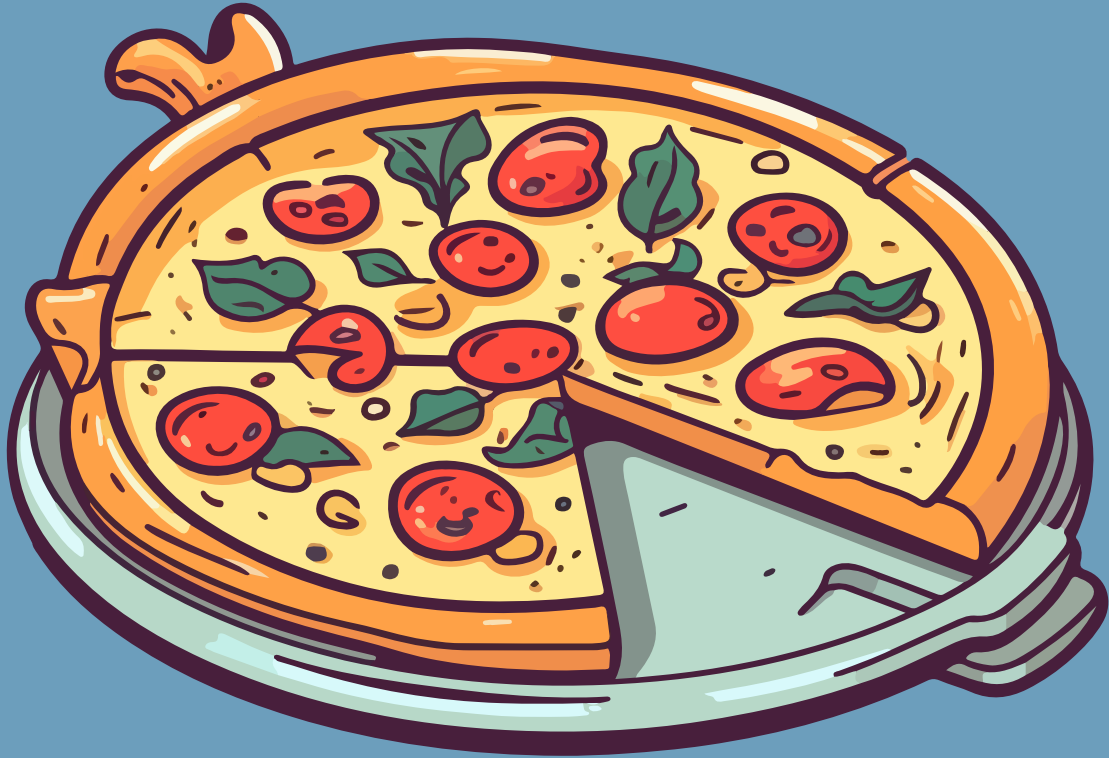
pizza_size	total_orders	percent_of_pizza_size
L	53171.5	44.67
M	37123.4	31.19
S	26607.15	22.36
XL	1974.65	1.66
XXL	143.8	0.12

```sql
-- TOP 5 BEST SALLERS BY REVENUE, TOTAL QUANTITY AND TOTAL ORDERS:

SELECT
    pizza_name,
    quantity,
    COUNT(DISTINCT order_id) AS total_orders,
    SUM(total_price) AS total_revenue
FROM
    pizza_sales
GROUP BY pizza_name , quantity
ORDER BY total_revenue DESC
LIMIT 5;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:
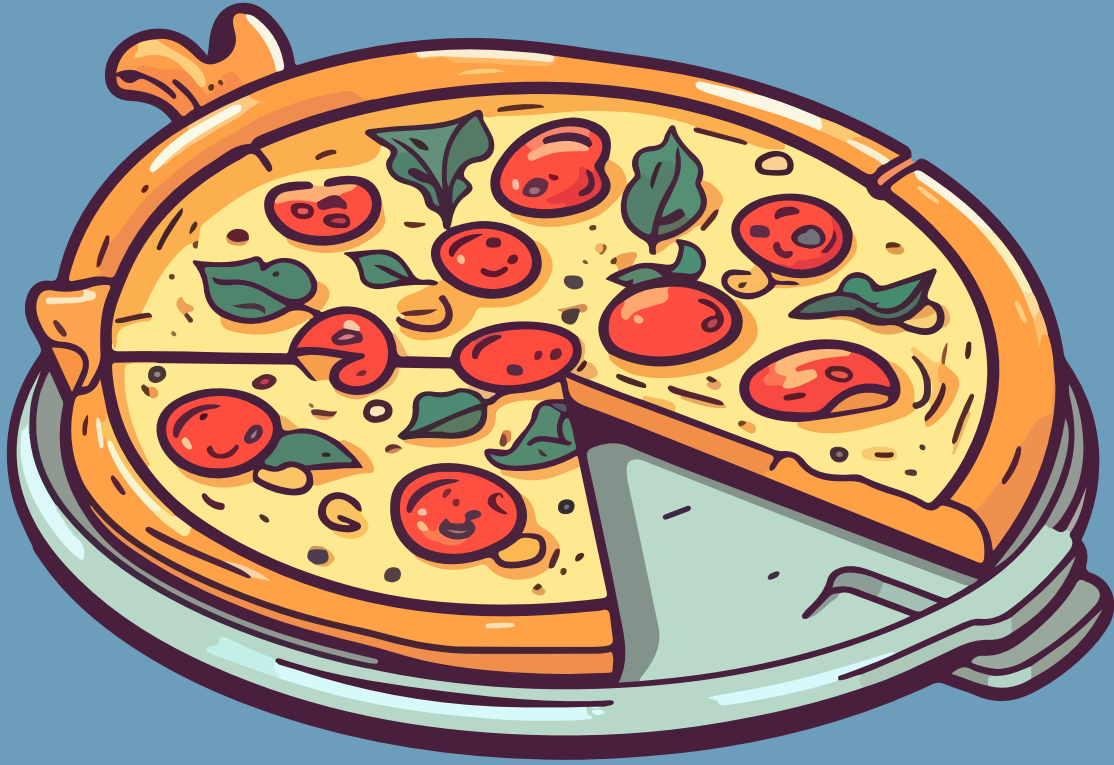
pizza_name	quantity	total_orders	total_revenue
The California Chicken Pizza	1	278	5991.2
The Thai Chicken Pizza	1	272	5957.8499999999985
The Barbecue Chicken Pizza	1	270	5799.8
The Classic Deluxe Pizza	1	294	5620.9
The Spicy Italian Pizza	1	253	5429.2

```sql
-- TOP 5 BOTTOM ORDERS BY REVENUE:

SELECT

    pizza_name,

    COUNT(distinct order_id) total_orders,

    ROUND(SUM(total_price), 2) AS total_revenue

FROM

    pizza_sales

GROUP BY pizza_name

ORDER BY total_revenue ASC

limit 5;
```

pizza_name	total_orders	total_revenue
The Brie Carre Pizza	51	1361
The Italian Vegetables Pizza	110	2134.75
The Chicken Pesto Pizza	106	2164.1
The Calabrese Pizza	107	2242.5
The Soppressata Pizza	119	2386.85