

PIZZA SALES SQL QUERIES

A. Kpi's

1. Total revenue

```
select sum(quantity* unit_price) as "Total Revenue" from pizza_sales;
```

Result Grid	
	Total Revenue
▶	817860.049999993

2. Average order value

```
select (sum(quantity* unit_price))/ count(distinct(order_id)) as 'Average order value' from pizza_sales;
```

Result Grid	
	Average order value
▶	38.307262295081635

3. Total pizza sold

```
select sum(quantity) as 'Total pizza sold' from pizza_sales
```

Result Grid	
	Total pizza sold
▶	49574

4. Total number of orders

```
select count(distinct(order_id)) as 'Total Number of orders' from pizza_sales;
```

Result Grid	
	Total Number of orders
▶	21350

5. Average pizza per order

```
select round(sum(quantity)/count(distinct(order_id)),0) as 'Average pizza per order' from pizza_sales;
```

Result Grid		Filter Rows:
	Average pizza per order	
▶	2	

6. Daily trend of the orders

```
SET SQL_SAFE_UPDATES = 0;
```

```
UPDATE pizza_sales
```

```
SET order_date = STR_TO_DATE(order_date, '%d-%m-%Y')
```

```
WHERE STR_TO_DATE(order_date, '%d-%m-%Y') IS NOT NULL;
```

```
SET SQL_SAFE_UPDATES = 1;
```

```
SELECT
```

```
    DAYNAME(left(order_date,10)) AS day_name, count(distinct(order_id)) as  
Total_orders
```

```
from pizza_sales
```

```
group by DAYNAME(left(order_date,10))
```

Result Grid		Filter Rows:
	day_name	Total_orders
▶	Friday	3538
	Monday	2794
	Saturday	3158
	Sunday	2624
	Thursday	3239

Result 67 x

7. monthly trend of the orders

```
SELECT
```

```
    monthname(order_date) AS month_name, count(distinct(order_id)) as  
Total_orders
```

```
from pizza_sales
```

```
group by month_name;
```

Result Grid		Filter Rows:
	month_name	Total_orders
▶	April	1799
	August	1841
	December	1680
	February	1685
	January	1845

8. percentage of sales by pizza category



```
WITH tbl AS (  
    SELECT pizza_category, SUM(total_price) AS Total_per_category  
    FROM pizza_sales  
    GROUP BY pizza_category  
)  
tbl2 AS (  
    SELECT SUM(total_price) AS total  
    FROM pizza_sales  
)  
SELECT  
    tbl.pizza_category,  
    tbl.Total_per_category,  
    (tbl.Total_per_category / tbl2.total) * 100 AS percentage  
FROM  
    tbl,  
    tbl2  
ORDER BY  
    percentage DESC;
```

	pizza_category	Total_per_category	percentage
▶	Classic	220053.1000000001	26.905960255669903
	Supreme	208196.99999999822	25.45631126009884
	Chicken	195919.5	23.955137556847493
	Veggie	193690.45000000298	23.682590927384783

9. percentage of sales by pizza size




```
WITH tbl AS (  
    SELECT pizza_size, SUM(total_price) AS Total_per_size  
    FROM pizza_sales  
    GROUP BY pizza_size  
)  
tbl2 AS (  
    SELECT SUM(total_price) AS total  
    FROM pizza_sales  
)  
SELECT  
    tbl.pizza_size,  
    tbl.Total_per_size,  
    (tbl.Total_per_size / tbl2.total) * 100 AS percentage  
FROM
```


```
tbl,
tbl2
ORDER BY
percentage DESC;
```

Result Grid  Filter Rows: <input type="text"/> Export:  Wrap Cell Co			
	pizza_size	Total_per_size	percentage
▶	L	375318.70000000087	45.890332948774294
	M	249382.25	30.492044451859723
	S	178076.499999999843	21.773468455880682
	XL	14076	1.7210768517181052
	XXL	1006.6000000000005	0.12307729176892906

10. top 5 pizza by revenue

```
select
    distinct(pizza_name),
    sum(total_price) as Total_revenue,
    (sum(total_price)/(select sum(total_price) from pizza_sales)*100) as
percentage
from pizza_sales
group by (pizza_name)
order by percentage desc
limit 5
```

Result Grid   Filter Rows: <input type="text"/> Export:  Wrap Cell Cont			
	pizza_name	Total_revenue	percentage
▶	The Thai Chicken Pizza	43434.25	5.310719113863108
	The Barbecue Chicken Pizza	42768	5.2292565213327595
	The California Chicken Pizza	41409.5	5.063152308270878
	The Classic Deluxe Pizza	38180.5	4.668341484585331
	The Spicy Italian Pizza	34831.25	4.258827656394306

Result 99 x 

11. bottom 5 pizza by revenue

```
select
    distinct(pizza_name),
    sum(total_price) as Total_revenue,
    (sum(total_price)/(select sum(total_price) from pizza_sales)*100) as
percentage
from pizza_sales
group by (pizza_name)
order by percentage
```

limit 5

	pizza_name	Total_revenue	percentage
▶	The Brie Carre Pizza	11588.49999999999	1.4169294612201684
	The Green Garden Pizza	13955.75	1.7063738472126277
	The Spinach Supreme Pizza	15277.75	1.8680151940420775
	The Mediterranean Pizza	15360.5	1.8781330620073853
	The Spinach Pesto Pizza	15596	1.9069277194796512

Result 100 x





12. top 5 pizza by quantity

```
select
    distinct(pizza_name),
    sum(quantity) as Total_quantity,
    (sum(quantity)/(select sum(quantity) from pizza_sales)*100) as percentage
from pizza_sales
group by (pizza_name)
order by percentage desc
limit 5;
```

	pizza_name	Total_quantity	percentage
▶	The Classic Deluxe Pizza	2453	4.9482
	The Barbecue Chicken Pizza	2432	4.9058
	The Hawaiian Pizza	2422	4.8856
	The Pepperoni Pizza	2418	4.8776
	The Thai Chicken Pizza	2371	4.7827

13. bottom 5 pizza by quantity

```
select
    distinct(pizza_name),
    sum(quantity) as Total_quantity,
    (sum(quantity)/(select sum(quantity) from pizza_sales)*100) as percentage
from pizza_sales
group by (pizza_name)
order by percentage
limit 5;
```

Result Grid   Filter Rows: | Export:  | Wrap Cell Content: 

	pizza_name	Total_quantity	percentage
▶	The Brie Carre Pizza	490	0.9884
	The Mediterranean Pizza	934	1.8841
	The Calabrese Pizza	937	1.8901
	The Spinach Supreme Pizza	950	1.9163
	The Soppressata Pizza	961	1.9385

Result 102 × 