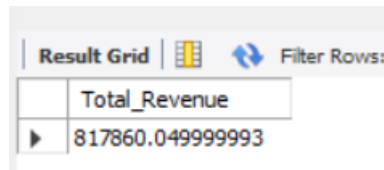


# KPIS In SQL

## 1) Total Revenue:

```
select sum(total_price) as Total_Revenue from pizza.`pizza_sales_excel_file _1`;
```

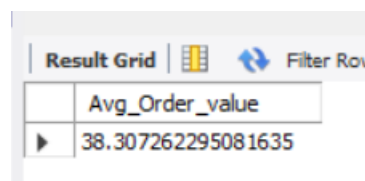


A screenshot of a SQL query result grid. The grid has two columns: 'Total\_Revenue' and a value column. The value is 817860.049999993. The grid is titled 'Result Grid' and has a 'Filter Rows' button.

	Total_Revenue
▶	817860.049999993

## 2) Average order Value:

```
select sum(total_price)/count(distinct order_id ) as Avg_Order_value from  
pizza.`pizza_sales_excel_file _1`;
```



A screenshot of a SQL query result grid. The grid has two columns: 'Avg\_Order\_value' and a value column. The value is 38.307262295081635. The grid is titled 'Result Grid' and has a 'Filter Rows' button.

	Avg_Order_value
▶	38.307262295081635

## 3) Total Pizza sold:

```
select sum(quantity) as Total_pizza_sold from pizza.`pizza_sales_excel_file _1`;
```

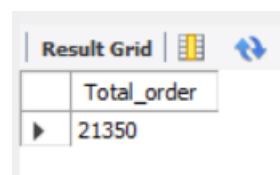


A screenshot of a SQL query result grid. The grid has two columns: 'Total\_pizza\_sold' and a value column. The value is 49574. The grid is titled 'Result Grid' and has a 'Filter Rows' button.

	Total_pizza_sold
▶	49574

## 4) Total Order:

```
select count(distinct(order_id)) as Total_order from pizza.`pizza_sales_excel_file _1`;
```

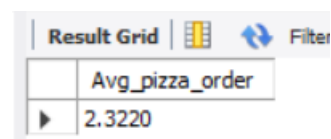


A screenshot of a SQL query result grid. The grid has two columns: 'Total\_order' and a value column. The value is 21350. The grid is titled 'Result Grid' and has a 'Filter Rows' button.

	Total_order
▶	21350

## 5) Average Pizza per order:

```
select sum(quantity)/count(distinct order_id ) as Avg_pizza_order from  
pizza.`pizza_sales_excel_file _1`;
```



A screenshot of a SQL query result grid. The grid has two columns: 'Avg\_pizza\_order' and a value column. The value is 2.3220. The grid is titled 'Result Grid' and has a 'Filter Rows' button.

	Avg_pizza_order
▶	2.3220

# Charts Requirement

- 1) Daily trend for total orders:

```
select dayname(order_date) as order_day , count(distinct order_id) as  
total_order  
from pizza.`pizza_sales_excel_file_1` group by dayname(order_date);
```

	order_day	total_order
▶	Friday	3538
	Monday	2794
	Saturday	3158
	Sunday	2624
	Thursday	3239
	Tuesday	2973
	Wednesday	3024

- 2) Monthly Trend for total\_order:

```
select monthname(order_date) as order_month , count(distinct order_id) as total_order  
from pizza.`pizza_sales_excel_file_1` group by monthname(order_date) order by total_order  
desc;
```

	order_month	total_order
▶	July	1935
	May	1853
	January	1845
	August	1841
	March	1840
	April	1799
	November	1792
	June	1773
	February	1685
	December	1680
	September	1661
	October	1646

- 3) Percentage of Sales by Pizza category:

```
select pizza_category, (sum(total_price)/(select sum(total_price) from  
pizza.`pizza_sales_excel_file_1`))*100 as sales_percentage  
from pizza.`pizza_sales_excel_file_1`  
group by pizza_category;
```

	pizza_category	sales_percentage
▶	Classic	26.905960255669903
	Veggie	23.682590927384783
	Supreme	25.45631126009884
	Chicken	23.955137556847493

4) Percentage of sales by pizza size:

```
select pizza_size, sum(total_price), (sum(total_price) / (select sum(total_price) from
pizza.`pizza_sales_excel_file_1`)) * 100 as sales_percentage
from pizza.`pizza_sales_excel_file_1`
group by pizza_size
order by sales_percentage desc;
```

	pizza_size	sum(total_price)	sales_percentage
▶	L	375318.70000000087	45.890332948774294
	M	249382.25	30.492044451859723
	S	178076.49999999843	21.773468455880682
	XL	14076	1.7210768517181052
	XXL	1006.6000000000005	0.12307729176892906

5) Top 5 Best sellers by Revenue, Total Quantity, and Total orders:

a) Top 5 revenue

```
select pizza_name, sum(total_price) as total_revenue from pizza.`pizza_sales_excel_file_1`
group by pizza_name order by total_revenue desc limit 5;
```

	pizza_name	total_revenue
▶	The Thai Chicken Pizza	43434.25
	The Barbecue Chicken Pizza	42768
	The California Chicken Pizza	41409.5
	The Classic Deluxe Pizza	38180.5
	The Spicy Italian Pizza	34831.25

b) Bottom 5:

```
select pizza_name, sum(total_price) as total_revenue from pizza.`pizza_sales_excel_file_1`
group by pizza_name order by total_revenue asc limit 5;
```

c) Top 5 best seller:

```
select pizza_name, sum(quantity) as total_quantity from pizza.`pizza_sales_excel_file_1`
group by pizza_name order by total_quantity desc limit 5;
```

	pizza_name	total_quantity
▶	The Classic Deluxe Pizza	2453
	The Barbecue Chicken Pizza	2432
	The Hawaiian Pizza	2422
	The Pepperoni Pizza	2418
	The Thai Chicken Pizza	2371