**PIZZA SALES SQL QUERIES**

KPI (Key Performance Indicator)

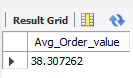
1. **TOTAL REVENUE**

select sum(total\_price) as Total\_Revenue from pizza;



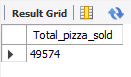
1. **AVERAGE ORDER VALUE**

select sum(total\_price) / count (distinct order\_id) as Avg\_Order\_value from pizza;



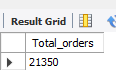
1. **TOTAL PIZZA SOLD**

select sum(quantity) as Total\_pizza\_sold from pizza;



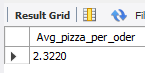
1. **TOTAL ORDERS**

select count (distinct order\_id) as Total\_orders from pizza;



1. **AVERAGE PIZZAS PER ORDER**

select sum(quantity) / count (distinct order\_id) as Avg\_pizza\_per\_oder from pizza;

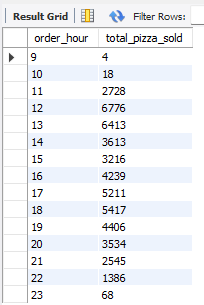


B. HOURLY TREND FOR TOTAL PIZZA SOLD

select hour(order\_time) as order\_hour, sum(quantity) as total\_pizza\_sold from pizza

group by order\_hour

order by order\_hour;

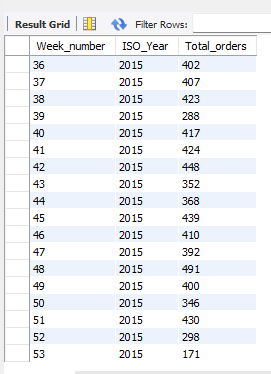
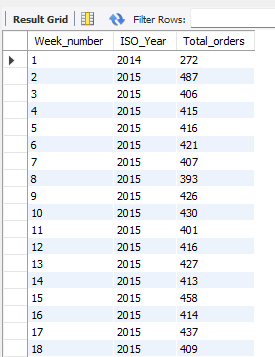


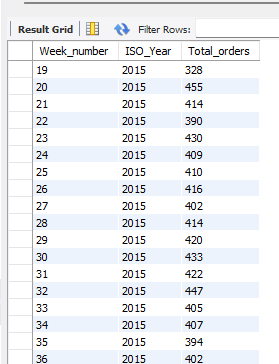
**WEEKLY TREND FOR TOTAL ORDERS**

select week (order\_date, 3) as week\_number, year(order\_date) as order\_years, count (distinct order\_id) as total\_orders

from pizza

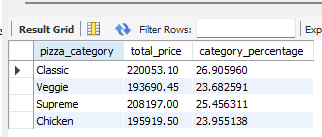
group by week\_number, order\_years

order by week\_number, order\_years;



**PERCENTAGE OF SALES BY PIZZA CATEGORY:**

select pizza\_category, sum(total\_price) as total\_price, (sum(total\_price) / (select sum(total\_price) from pizza)) \* 100 as category\_percentage from pizza group by pizza\_category;

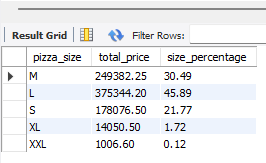


**Percentage of month wise (Extra Point)**

select pizza\_category, sum(total\_price) as total\_price, (sum(total\_price) / (select sum(total\_price) from pizza where month(order\_date) = 1)) \* 100 as category\_percentage from pizza where month(order\_date) = group by pizza\_category

PERCENTAGE OF SALES BY PIZZA SIZE

select pizza\_size, sum(total\_price) as total\_price, cast((sum(total\_price) / (select sum(total\_price) from pizza)) \* 100 as decimal (10,2)) as category\_percentage from pizza group by pizza\_size;

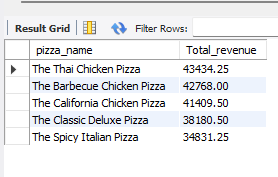


PERCENTAGE OF SALES BY PIZZA SIZE QUARTER WISE

select pizza\_size, sum(total\_price) as total\_price, (sum(total\_price) / (select sum(total\_price) from pizza where quarter(order\_date) = 1)) \* 100 as category\_percentage from pizza where quarter(order\_date) = 1 group by pizza\_size;

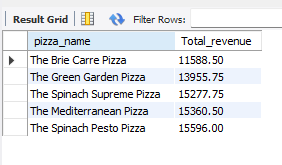
**TOP 5 PIZZA NAMES**

select pizza\_name, sum(total\_price) as Total\_revenue from pizza group by pizza\_name order by total\_revenue desc limit 5;



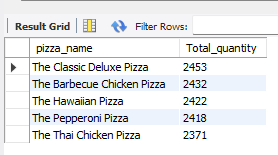
**BOTTOM 5 PIZZA NAMES**

select pizza\_name, sum(total\_price) as Total\_revenue from pizza group by pizza\_name order by total\_revenue limit 5;



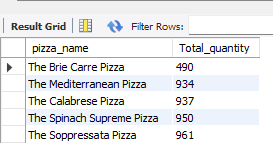
**TOP 5 PIZZA QUANTITY**

select pizza\_name, sum(quantity) as Total\_quantity from pizza group by pizza\_name order by total\_quantity desc limit 5 ;



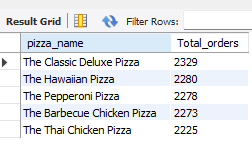
**BOTTOM 5 QUANTITY**

select pizza\_name, sum(quantity) as Total\_quantity from pizza group by pizza\_name order by total\_quantity limit 5;



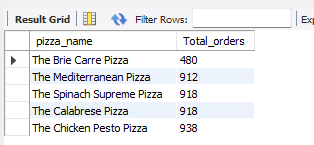
**TOP 5 PIZZA ORDER**

select pizza\_name, count (distinct order\_id) as Total\_orders from pizza group by pizza\_name order by total\_orders desc limit 5;



**BOTTOM 5 PIZZA ORDERS**

select pizza\_name, count (distinct order\_id) as Total\_orders from pizza group by pizza\_name order by total\_orders limit 5;



***NOTE***

If you want to apply the pizza\_category or pizza\_size filters to the above queries you can use where clause. follow some of below examples

select top 5 pizza\_name, count(distinct order\_id) as total\_orders

from pizza\_sales

where pizza\_category = 'classic'

group by pizza\_name

order by total\_orders asc;