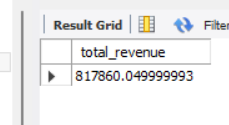
PIZZA SALES SQL QUERIES

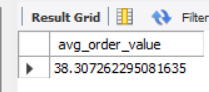
## A.KPI’S

**1.Total Revenue:**

****

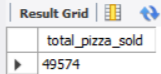
*select sum(total\_price) as total\_revenue from pizza\_sales;*

**2.Average order value**

******

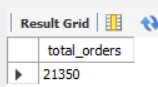
select sum(total\_price)/count(distinct order\_id) as avg\_order\_value from pizza\_sales;

**3.Total pizza sold**

******

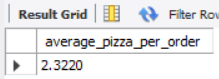
select sum(quantity) as total\_pizza\_sold from pizza\_sales;

**4.Total orders**

******

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

**5.Average pizza per order**

******

select sum(quantity)/count( distinct order\_id) as average\_pizza\_per\_order from pizza\_sales;

describe pizza\_sales;

ALTER TABLE pizza\_sales ADD new\_order\_date DATE;

UPDATE pizza\_sales

SET new\_order\_date = STR\_TO\_DATE(order\_date, '%d-%m-%Y');

ALTER TABLE pizza\_sales DROP COLUMN order\_date;

ALTER TABLE pizza\_sales CHANGE new\_order\_date order\_date DATE;

ALTER TABLE pizza\_sales ADD new\_order\_time time;

UPDATE pizza\_sales set new\_order\_time = order\_time;

UPDATE pizza\_sales

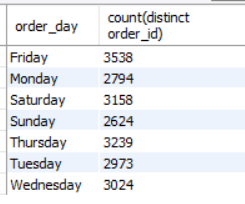
SET order\_time = STR\_TO\_DATE(order\_time, '%H:%i:%s');

ALTER TABLE pizza\_sales MODIFY order\_time TIME;

ALTER TABLE pizza\_sales DROP COLUMN new\_order\_time;

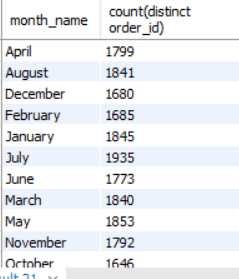
## B.CHARTS

**1.Daily trend of total orders**

****

select dayname(order\_date) as order\_day, count(distinct order\_id) from pizza\_sales group by dayname(order\_date) ;

**2.Monthly trend of total orders**

****

select monthname(order\_date) as month\_name, count(distinct order\_id) from pizza\_sales group by monthname(order\_date) ;

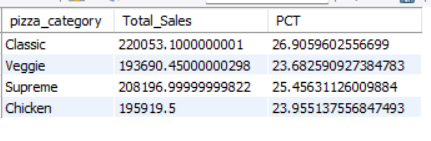
**3.Percentage of sales by pizza\_category**

select pizza\_category, sum(total\_price)\*100/(select sum(total\_price) from pizza\_sales) AS PCT

from pizza\_sales group by pizza\_category;

select pizza\_category,sum(total\_price) AS Total\_Sales,sum(total\_price)\*100/(select sum(total\_price) from pizza\_sales) AS PCT

from pizza\_sales group by pizza\_category;



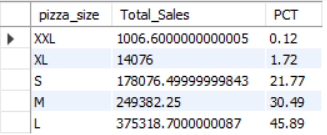
select pizza\_category,sum(total\_price) AS Total\_Sales,sum(total\_price)\*100/(select sum(total\_price) from pizza\_sales where month(order\_date)=1) AS PCT

from pizza\_sales where month(order\_date)=1 group by pizza\_category;

**4.Percentage of sales by pizza size**

select pizza\_size,sum(total\_price) AS Total\_Sales,cast(sum(total\_price)\*100/(select sum(total\_price) from pizza\_sales)AS decimal(10,2)) AS PCT

from pizza\_sales group by pizza\_size order by PCT asc;



select pizza\_size,sum(total\_price) AS Total\_Sales,cast(sum(total\_price)\*100/(select sum(total\_price) from pizza\_sales WHERE quarter(order\_date)=1)AS decimal(10,2)) AS PCT

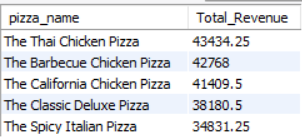
from pizza\_sales WHERE quarter(order\_date)=1 group by pizza\_size

order by PCT asc;

**5.Top 5 Pizzas By Revenue**

select pizza\_name,sum(total\_price) as Total\_Revenue from pizza\_sales group by pizza\_name

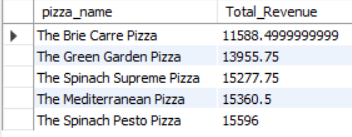
order by Total\_Revenue desc limit 5;



**6.Bottom 5 Pizzas By Revenue**

select pizza\_name,sum(total\_price) as Total\_Revenue from pizza\_sales group by pizza\_name

order by Total\_Revenue asc limit 5;



select pizza\_name,sum(quantity) as Total\_quantity from pizza\_sales group by pizza\_name

order by Total\_quantity asc limit 5;

select pizza\_name,count(distinct(order\_id)) as Total\_orders from pizza\_sales group by pizza\_name

order by Total\_orders desc limit 5;