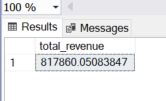
**Pizza sales SQL query**

**KPIs**

**Q1. Total Revenue**

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



**Q2. Average Order Value**

select

sum(total\_price) / count (distinct order\_id) as Avg\_order\_value

from pizza\_sales

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**Q3. Total Pizzas Sold**

select

SUM(quantity) as Total\_Pizza\_sold

from pizza\_sales

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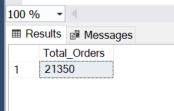
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**Q4. Total Orders**

select

COUNT(distinct order\_id) as Total\_Orders

from pizza\_sales

****

**Q5. Average Pizzas per Order**

select

SUM(quantity) / COUNT(distinct order\_id) as Avg\_Pizza\_per\_Order

from pizza\_sales

-- if we run the quesry like that it will give us a whole number but there is still some decimal points missing so we use 'cast'

select CAST(

cast(SUM(quantity) As decimal(10,2)) /

cast(COUNT(distinct order\_id) As decimal(10,2)) as decimal(10,2)) as Avg\_Pizza\_per\_Order

from pizza\_sales

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**CHART REQUIREMENT**

**Q1. Daily trend for Total orders**

select DATENAME(DW, order\_date) as order\_day, COUNT(distinct order\_id) as total\_orders

from pizza\_sales

group by DATENAME(DW, order\_date)

-- 'DW'convert the date to strings e.g monday, tuesday e.t.c

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**Q2. Hourly Trend for total orders**

SELECT

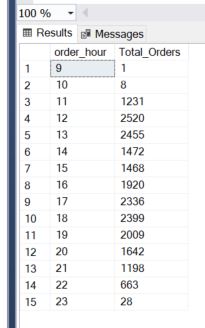
DATEPART(HOUR, order\_time) AS order\_hour,

COUNT(distinct order\_id) AS Total\_Orders

from pizza\_sales

group by DATEPART(HOUR, order\_time)

order by DATEPART(HOUR, order\_time)

****

**Q3. Percentage of sales by pizza category**

SELECT

pizza\_category,

SUM(total\_price) AS TotalSales,

(SUM(total\_price) \* 100.0 / (SELECT SUM(total\_price) FROM pizza\_sales)) AS PercentageOfTotalSales

FROM

pizza\_sales

GROUP BY

pizza\_category

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-- let say we want to get in respect to month

SELECT

pizza\_category,

SUM(total\_price) AS TotalSales,

(SUM(total\_price) \* 100.0 / (SELECT SUM(total\_price) FROM pizza\_sales where month(order\_date) = 1)) AS PercentageOfTotalSales

FROM

pizza\_sales

where month(order\_date) = 1

GROUP BY

pizza\_category

**Q4. Percentage of sales by pizza sizes**

SELECT

pizza\_size,

cast(SUM(total\_price) as decimal(10,2)) AS TotalSales,

cast((SUM(total\_price) \* 100.0 / (SELECT SUM(total\_price) FROM pizza\_sales where month(order\_date) = 1)) AS decimal(10,2)) AS PercentageOfsales

FROM

pizza\_sales

where month(order\_date) = 1

GROUP BY

pizza\_size

order by PercentageOfsales desc

**Q5. Total Pizzas sold by Pizza category:**

select pizza\_category, SUM(quantity) as Total\_pizzas

from pizza\_sales

group by pizza\_category

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**Q6. Top 5 best sellers by total pizzas sold**

select top 5 pizza\_name, SUM(quantity) as Total\_pizzas\_sold

from pizza\_sales

group by pizza\_name

order by SUM(quantity) desc

****

**Q7. Bottom 5 sellers by total pizzas sold**

select top 5 pizza\_name, SUM(quantity) as Total\_pizzas\_sold

from pizza\_sales

group by pizza\_name

order by SUM(quantity)

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