**Pizza Sales Project**

**--Created database—**

create database pizza\_sales

use pizza\_sales

select \* from pizza

--**Checking for missing values—**

select \* from pizza

where pizza\_id is null or order\_id is null or pizza\_name is null or pizza\_name\_id is null or order\_time is null or order\_date is null

**--What days do we tend to be busiest? --**

select datename (weekday, order\_date) days, count (distinct order\_id) total\_order, (count (distinct order\_id)/count (distinct order\_date)) avg\_order\_daily from pizza

group by datename (weekday, order\_date)

order by (count (distinct order\_id)/count (distinct order\_date)) desc

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**--What times do we tend to be busiest? --**

select concat (format ((datepart (hour, order\_time) +11) %12 + 1,'00'),

' ', iif (datepart (hour, order\_time) <12,'AM','PM')) hours, count (distinct order\_id) total\_order from pizza

group by concat (format ((datepart (hour, order\_time) +11) %12 + 1,'00'),

' ', iif (datepart (hour, order\_time) <12,'AM','PM'))

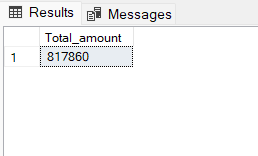
order by count (distinct order\_id) desc

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**--Total Revenue (KPI)—**

select round(sum(total\_price),0) Total\_amount from pizza



**--Average Order Value (KPI)--**

select round(sum(total\_price) / count (distinct order\_id),0) avg\_order\_value from pizza

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**--Total Pizzas Sold(KPI)—**

select count(quantity) Total\_pizza\_sold from pizza

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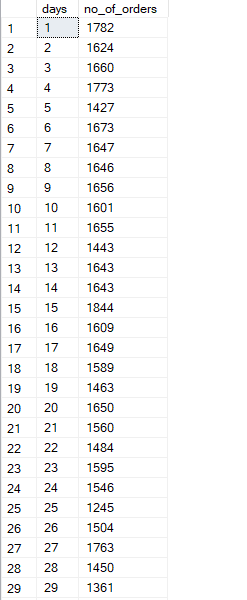
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**--Daily Trend for Total Orders--**

select day(order\_date) days, count(order\_id) no\_of\_orders from pizza

group by day(order\_date)

order by day(order\_date)



**--Total Orders(KPI)--**

select count (distinct order\_id) from pizza

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**--Average Pizzas Per Order (KPI)—**

select sum(total\_price)/count(pizza\_id) from pizza

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**--Monthly Trend for Orders--**

select datename (month, order\_date) Months, count (distinct order\_id) Total\_orders from pizza

group by datename (month, order\_date)

order by count (distinct order\_id) desc

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**--Percentage of Sales by Pizza Category—**

select pizza\_category, round(sum(total\_price),0) total\_price, round(sum(total\_price) \*100/(select(sum(total\_price)) from pizza),2) percentages from pizza

group by pizza\_category

order by round(sum(total\_price) \*100/(select(sum(total\_price)) from pizza),2) desc

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**--Best-selling pizza--**

select top 3 pizza\_name, sum(quantity) Pizza\_sold from pizza

group by pizza\_name

order by sum (quantity) desc

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**--Worst selling pizza--**

select top 3 pizza\_name, sum(quantity) Pizza\_sold from pizza

group by pizza\_name

order by sum(quantity)

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**--Percentage of Sales by pizza size--**

select pizza\_size,

round(sum(total\_price),0), round(sum(total\_price) \*100/(select(sum(total\_price)) from pizza),0) percentage\_of\_sales from pizza

group by pizza\_size

order by round(sum(total\_price) \* 100/(select(sum(total\_price)) from pizza),0) desc

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**-- Total pizza sold by pizza category--**

select pizza\_category, sum(quantity) quantity from pizza

group by pizza\_category

order by sum(quantity) desc

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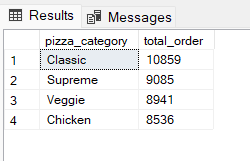
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**-- Total orders by pizza category--**

select pizza\_category, count(distinct order\_id) total\_order from pizza

group by pizza\_category

order by count (distinct order\_id) desc



**-- Top 5 pizzas by quantity--**

select top 5 pizza\_name, sum(quantity) total\_quantity from pizza

group by pizza\_name

order by 2 desc

A screenshot of a menu

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**-- Top 5 pizzas by revenue--**

select top 5 pizza\_name, sum(total\_price) total\_price from pizza

group by pizza\_name

order by 2 desc

A screenshot of a computer

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**-- Top 5 pizzas by order--**

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

group by pizza\_name

order by 2 desc

A screenshot of a computer

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**-- bottom 5 pizzas by quantity--**

select top 5 pizza\_name, sum(quantity) total\_quantity from pizza

group by pizza\_name

order by 2

A screenshot of a computer

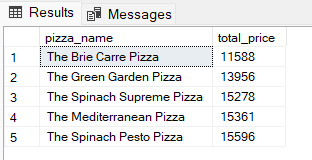
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**-- bottom 5 pizzas by revenue--**

select top 5 pizza\_name, round(sum(total\_price),0) total\_price from pizza

group by pizza\_name

order by 2



**-- bottom 5 pizzas by order--**

select top 5 pizza\_name, count(order\_id) total\_order from pizza

group by pizza\_name

order by 2

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