Pizza Sales Project (SQL Queries)

**Over-Viewing the Data**

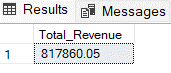
select \* from [dbo].[Pizza\_Sales]

**KPI’s Requirement**

1. **Total Revenue**

Select Cast(sum(total\_price) as Decimal (10,2)) As Total\_Revenue From [dbo].[Pizza\_Sales]

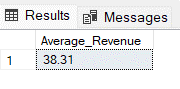
***OUTPUT***



1. **Average Order Value**

Select Cast(SUM(total\_price) / Count(Distinct order\_id) as Decimal(10,2)) as Average\_Revenue From Pizza\_Sales

***OUTPUT***

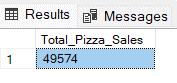


1. **Total Pizza Sold**

select Sum(quantity) as Total\_Pizza\_Sales

from [My Data Base]..Pizza\_Sales

***OUTPUT***

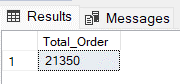


1. **Total Orders**

Select COUNT(Distinct order\_id) As Total\_Order

from [My Data Base]..Pizza\_Sales

**OUTPUT**

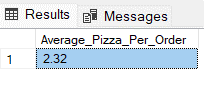


1. **Average Pizzas Per Order**

select Cast(Cast(sum(quantity) as decimal(10,2)) / Cast(COUNT(Distinct order\_id) as Decimal(10,2)) as Decimal(10,2)) as Average\_Pizza\_Per\_Order

**from Pizza\_Sales**

**OUTPUT**

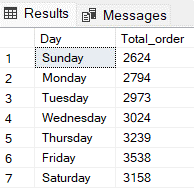


**Business Insights Report**

1. **Daily Trend For Total Orders**

select DATENAME(Dw,order\_date) as Day, COUNT(Distinct order\_id) As Total\_order from Pizza\_Sales Group By Datepart(Dw,order\_date),DATENAME(Dw,order\_date) order by Datepart(Dw,order\_date)

**OUTPUT**



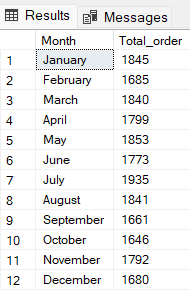
1. **Monthly Trend For Total Orders**

select DATENAME(MONTH,order\_date) as Month, COUNT(Distinct order\_id) As Total\_order

from Pizza\_Sales Group By Datepart(MONTH,order\_date),DATENAME(MONTH,order\_date)

order by Datepart(MONTH,order\_date)

**OUTPUT**

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1. **Percentage of Sales by Pizza Category**

select pizza\_category as Pizza\_Category,CAST(SUM(total\_price) as decimal(10,2)) as Total\_Sales,

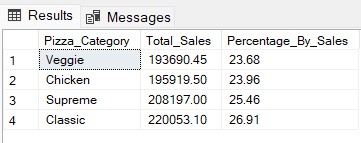
CAST(SUM(total\_Price)\*100/

(Select SUM(total\_Price) From Pizza\_Sales) as decimal(10,2)) as Percentage\_By\_Sales

from Pizza\_Sales group by pizza\_category

order by Percentage\_By\_Sales

**OUTPUT**

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1. **Percentage of Sales by Pizza Size**

select pizza\_size as Pizza\_Size,CAST(SUM(total\_price) as decimal(10,2)) as Total\_Sales,

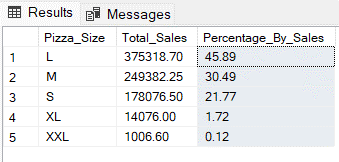
CAST(SUM(total\_Price)\*100/

(Select SUM(total\_Price) From Pizza\_Sales) as decimal(10,2)) as Percentage\_By\_Sales

from Pizza\_Sales group by pizza\_size

order by Percentage\_By\_Sales desc

**OUTPUT**



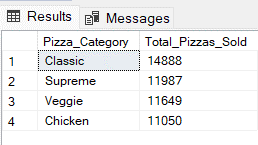
1. **Total Pizzas Sold by Pizza Category**

select pizza\_category as Pizza\_Category, SUM(quantity) as Total\_Pizzas\_Sold

from Pizza\_Sales group by pizza\_category

order by Total\_Pizzas\_Sold Desc

**OUTPUT**



1. **Top Five Pizza by Total Revenue**

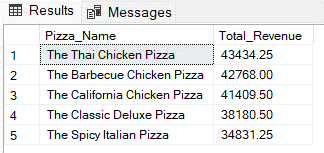
select Top 5 pizza\_name as Pizza\_Name,CAST(SUM(total\_price) as decimal(10,2)) as Total\_Revenue

from Pizza\_Sales

group by pizza\_name

order by Total\_Revenue Desc

**OUTPUT**



**Top Five Pizza by Total Quantity**

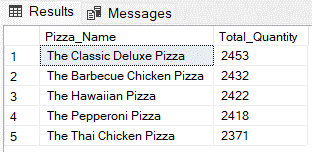
select Top 5 pizza\_name as Pizza\_Name,SUM(quantity) as Total\_Quantity

from Pizza\_Sales

group by pizza\_name

order by Total\_Quantity desc

**OUTPUT**



**Top Five Pizza by Total Orders**

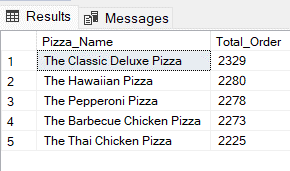
select Top 5 pizza\_name as Pizza\_Name, Count(Distinct order\_id) as Total\_Order

from Pizza\_Sales

group by pizza\_name

order by Total\_Order desc

**OUTPUT**



1. **Bottom Five Pizza by Total Revenue**

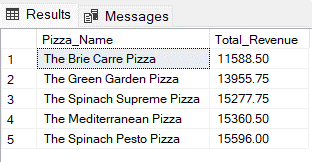
select TOP 5 pizza\_name as Pizza\_Name,CAST(SUM(total\_price) as decimal(10,2)) as Total\_Revenue

from Pizza\_Sales

group by pizza\_name

order by Total\_Revenue

**OUTPUT**



**Bottom Five Pizza by Total Quantity**

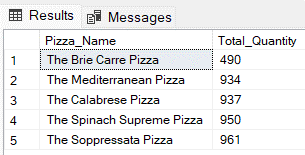
select Top 5 pizza\_name as Pizza\_Name,SUM(quantity) as Total\_Quantity

from Pizza\_Sales

group by pizza\_name

order by Total\_Quantity

**OUTPUT**



**Bottom Five Pizza by Total Orders**

select Top 5 pizza\_name as Pizza\_Name, Count(Distinct order\_id) as Total\_Order

from Pizza\_Sales

group by pizza\_name

order by Total\_Order

**OUTPUT**

