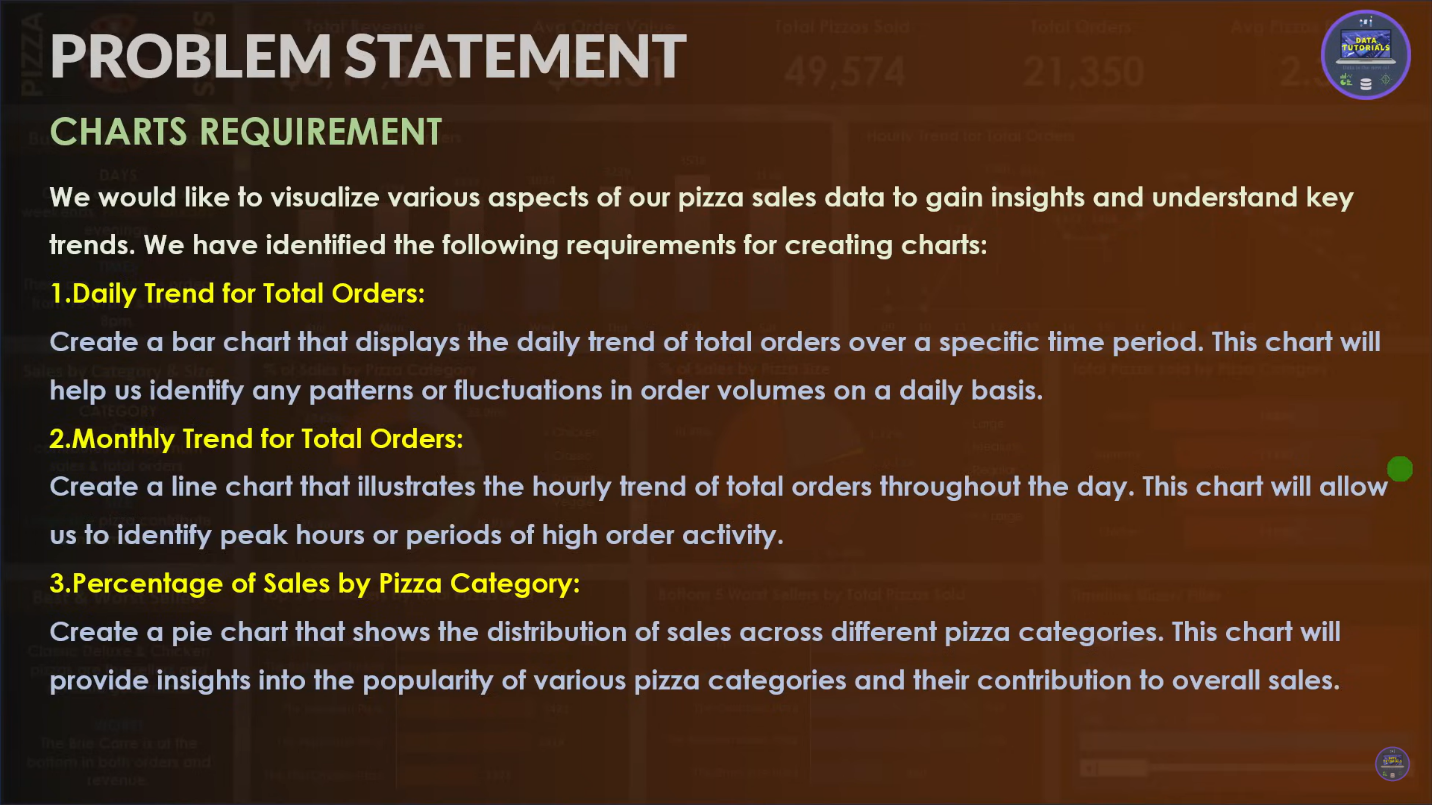
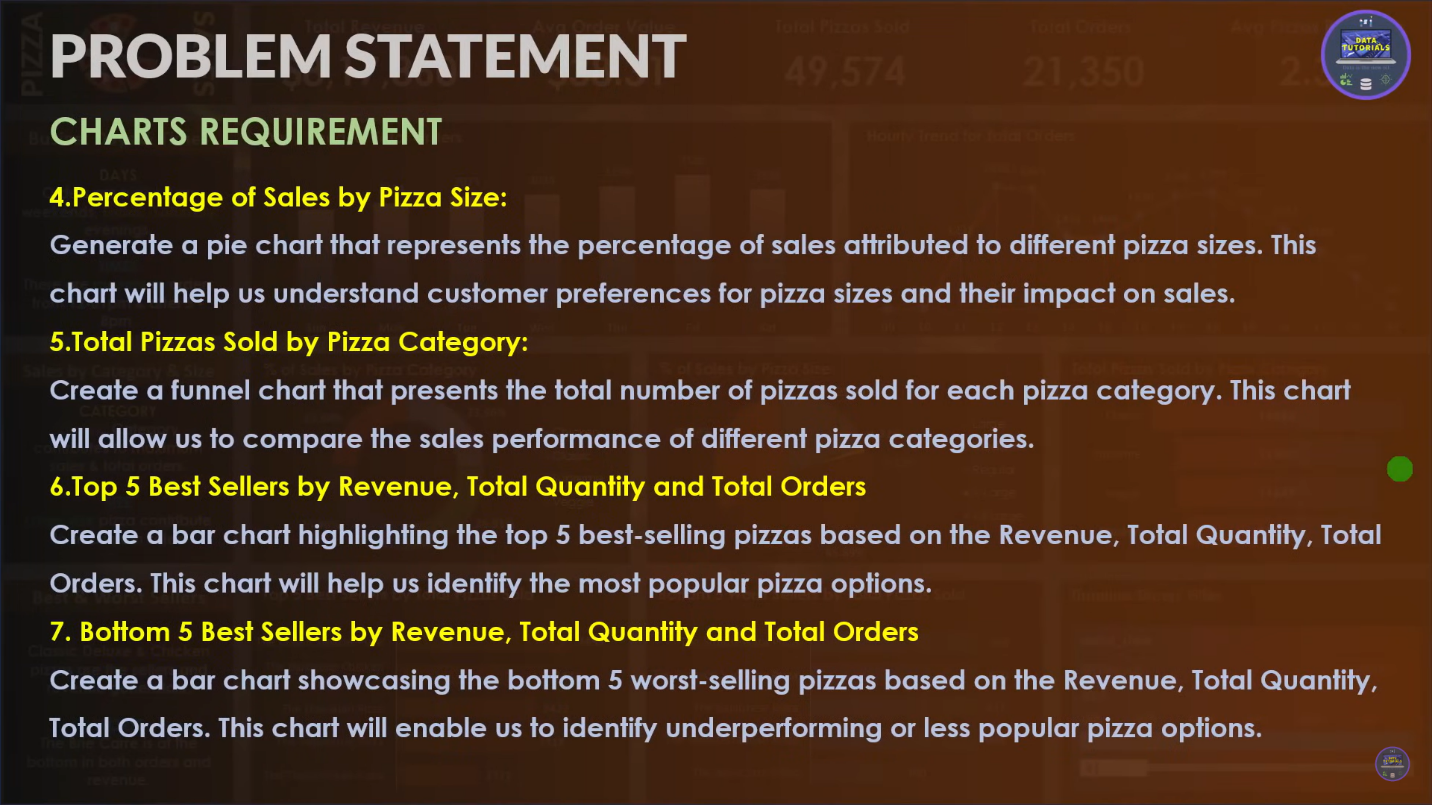
Problem Statement:

A screenshot of a computer

Description automatically generated





**Q1. Total Revenue:**

Select sum(total\_price) as Total\_Revenue

From pizza\_sales

Output:

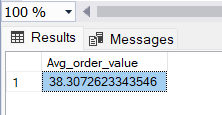
A screenshot of a computer

Description automatically generated

**Q2. Average Order Value**

Select Sum(total\_price) / Count(Distinct order\_id) as Avg\_order\_value from pizza\_sales

Output:



**Q3. Total Pizzas Sold**

Select sum(quantity) as Total\_Pizzas\_Sold from pizza\_sales

Output:

A screenshot of a computer

Description automatically generated

**Q4. Total Orders**

Select Count(Distinct order\_id) as Total\_Orders from pizza\_sales

Output:

A screenshot of a computer

Description automatically generated

**Q5. 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\_Pizzas\_Per\_order from pizza\_sales

Output:

A screenshot of a computer message

Description automatically generated

Charts

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))

Output:

A screenshot of a computer

Description automatically generated

Q2. **Monthly Trend for Orders**

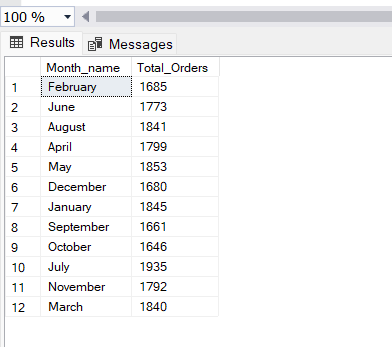
Select datename(MONTH,order\_date) as Month\_name , Count(distinct order\_id) as Total\_Orders

from pizza\_sales

group by(datename(MONTH,order\_date))

order by Total\_Orders desc

Output:



Q3. **% of Sales 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

Output:

A screenshot of a computer

Description automatically generated

Note:

For individual months sales percentage

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

A screenshot of a computer

Description automatically generated

Q4. **% of Sales by Pizza Size**

Select pizza\_size , 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\_size

order by PCT desc

Output:

**A screenshot of a computer

Description automatically generated**

Q5. **Top 5 Pizzas by Revenue**

Select Top 5 pizza\_name , sum(total\_price) as Total\_Revenue from pizza\_sales

group by pizza\_name

order by Total\_Revenue Desc

output:

**A screenshot of a menu

Description automatically generated**

Q6. **Bottom 5 Pizzas by Revenue**

Select Top 5 pizza\_name , sum(total\_price) as Total\_Revenue from pizza\_sales

group by pizza\_name

order by Total\_Revenue Asc

output:

**A screenshot of a menu

Description automatically generated**

Q7. **Top 5 Pizzas by Quantity**

Select Top 5 pizza\_name, SUM(quantity) AS Total\_Pizza\_Sold

From pizza\_sales

Group By pizza\_name

Order By Total\_Pizza\_Sold DESC

Output:

**A screenshot of a menu

Description automatically generated**

Q8. **Bottom 5 Pizzas by Quantity**

Select Top 5 pizza\_name, SUM(quantity) AS Total\_Pizza\_Sold

From pizza\_sales

Group By pizza\_name

Order By Total\_Pizza\_Sold ASC

Output:

**A screenshot of a computer

Description automatically generated**

Q9. **Top 5 Pizzas by Total Orders**

Select Top 5 pizza\_name, COUNT(Distinct order\_id) AS Total\_Orders

From pizza\_sales

Group By pizza\_name

Order By Total\_Orders DESC

Output:

**A screenshot of a computer

Description automatically generated**

Q10.**Borrom 5 Pizzas by Total Orders**

Select Top 5 pizza\_name, COUNT(Distinct order\_id) As Total\_Orders

From pizza\_sales

Group By pizza\_name

Order By Total\_Orders Asc

Output:

***A screenshot of a menu

Description automatically generated***