1.KPIS

1.1 Total Revenue:

select cast(sum(total\_price) as decimal(10,2)) as Total\_Revenue

from pizza\_Sales;

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1.2 Average\_Order\_Value

select SUM(total\_price) / count(distinct order\_id) as Average\_Order\_Value

from pizza\_sales;

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1.3 Total\_Pizza\_Sold

select SUM(quantity) as Total\_Pizza\_Sold

from pizza\_Sales;

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1.4 Total Orders

select COUNT(distinct order\_id) as Total\_Order

from pizza\_Sales;

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1.5 Average Pizza 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;

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**Charts Requirements:**

**1.Hourly Trend For Total Pizza Sold**

select DATEPART(HOUR,order\_time)as order\_hour,SUM(quantity) as Total\_Order

from pizza\_sales

group by DATEPART(HOUR,order\_time)

order by DATEPART(HOUR,order\_time)

**;**

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**2.Weekly Trends For Total Orders**

select DATEPART(ISO\_WEEK,order\_date) as Order\_week,

year(order\_date) as Orderyear,

count(distinct order\_id) as Total\_orders

from pizza\_sales

group by DATEPART(ISO\_WEEK,order\_date),

year(order\_date)

order by DATEPART(ISO\_WEEK,order\_date)

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3.Percentage of Sales By Pizza Categories

select pizza\_category,cast(sum(total\_price)as decimal (10,2)) as total\_revenue,

cast(sum(total\_price)\*100/(select sum(total\_price) from pizza\_sales)as decimal(10,2)) as pct

from pizza\_sales

group by pizza\_category

order by pct

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4.Percentage of Sales By Pizza size

select pizza\_size,cast(sum(total\_price)as decimal (10,2)) as total\_revenue,

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 pizza\_size

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5 total pizza sold by pizza category

select pizza\_category,sum(quantity) as Total\_Pizza\_Sold

from pizza\_sales

group by pizza\_category

order by Total\_Pizza\_Sold desc

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6.Top 5 best seller by Revenue,Total Quantity, and Total orders

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

from pizza\_sales

group by pizza\_name

order by total\_revenue desc

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7.Bottom 5 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

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8.Top 5 Pizza by quantity

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

from pizza\_sales

group by pizza\_name

order by total\_quantity desc

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9.Bottom 5 Pizza by quantity

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

from pizza\_sales

group by pizza\_name

order by total\_quantity asc

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10.Top 5 by Total Orders

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

from pizza\_sales

group by pizza\_name

order by total\_order desc

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11.bottom 5 by total orders

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

from pizza\_sales

group by pizza\_name

order by total\_order asc

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