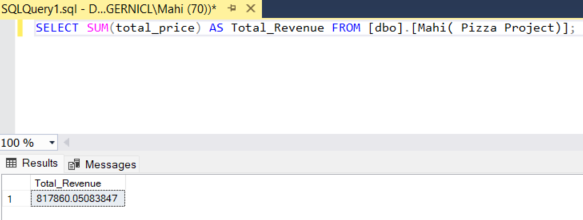
**Mahendra Kumar Ponnapalli**

**PIZZA SALES REPORT**

**Key Performance Indicators using MySQL:**

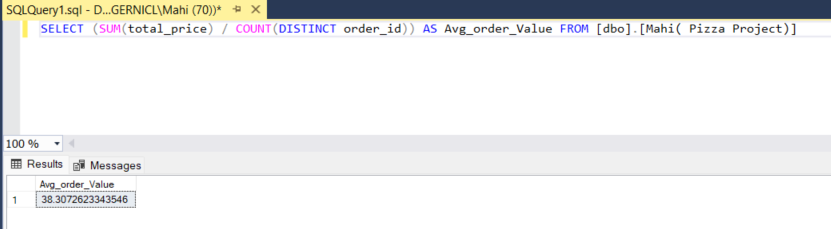
1. **Total Revenue:**

SELECT SUM(total\_price) AS Total\_Revenue FROM [dbo].[Mahi( Pizza Project)];

****

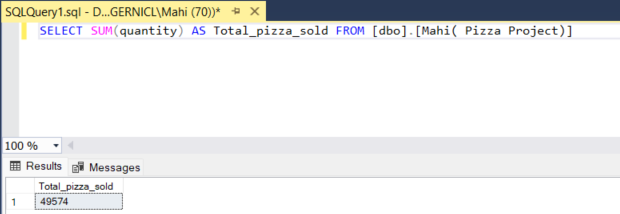
1. **Average Order value:**

SELECT (SUM(total\_price) / COUNT(DISTINCT order\_id)) AS Avg\_order\_Value FROM [dbo].[Mahi( Pizza Project)]



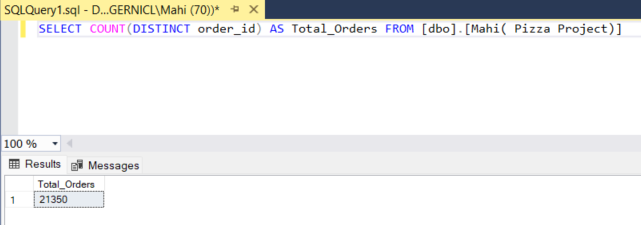
1. **Total Pizzas Sold:**

SELECT count(pizza-id) AS Total\_pizza\_sold FROM [dbo].[Mahi( Pizza Project)]



1. **Total orders :**

SELECT COUNT(DISTINCT order\_id) AS Total\_Orders FROM [dbo].[Mahi( Pizza Project)]

****

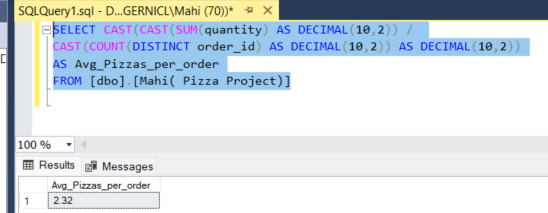
5.**Average Pizzas per order :**

SELECT CAST(CAST(SUM(quantity) AS DECIMAL(10,2)) /

CAST(COUNT(DISTINCT order\_id) AS DECIMAL(10,2)) AS DECIMAL(10,2))

AS Avg\_Pizzas\_per\_order

FROM [dbo].[Mahi( Pizza Project)]

****

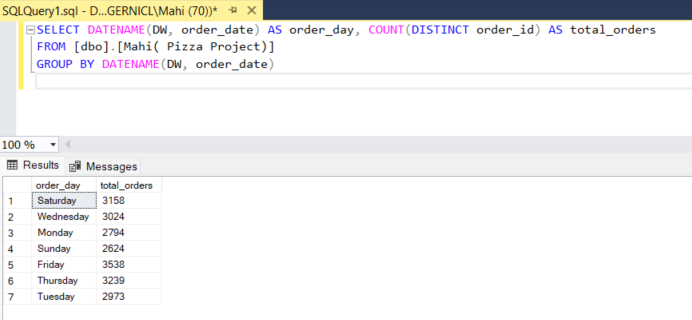
**CHART REQUIREMENTS:**

1. Daily Trend for total orders:

SELECT DATENAME(DW, order\_date) AS order\_day, COUNT(DISTINCT order\_id) AS total\_orders

FROM [dbo].[Mahi( Pizza Project)]

GROUP BY DATENAME(DW, order\_date)



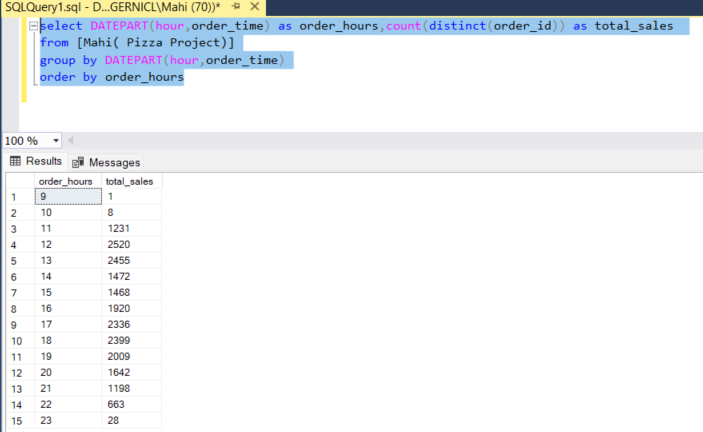
1. Hourly trend for total order:

select DATEPART(hour,order\_time) as order\_hours,count(distinct(order\_id)) as total\_sales

from [Mahi( Pizza Project)]

group by DATEPART(hour,order\_time)

order by order\_hours



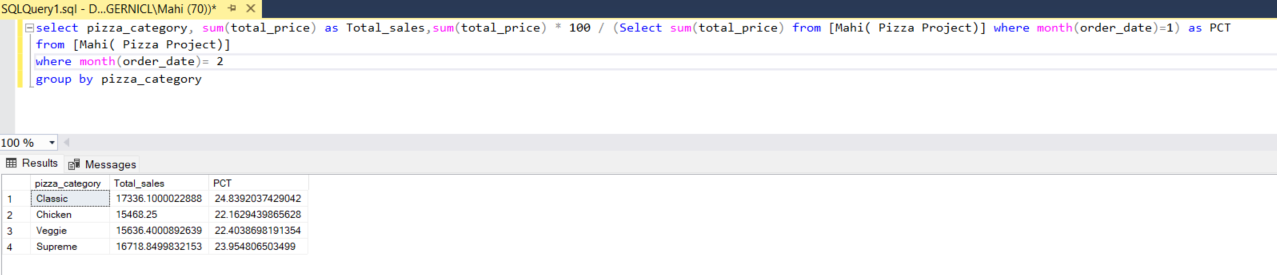
1. Percentage of Sales by Pizza- category

select pizza\_category, sum(total\_price) as Total\_sales,sum(total\_price) \* 100 / (Select sum(total\_price) from [Mahi( Pizza Project)] where month(order\_date)=1) as PCT

from [Mahi( Pizza Project)]

where month(order\_date)= 2

group by pizza\_category



1. Percentage of sales by Pizza\_size

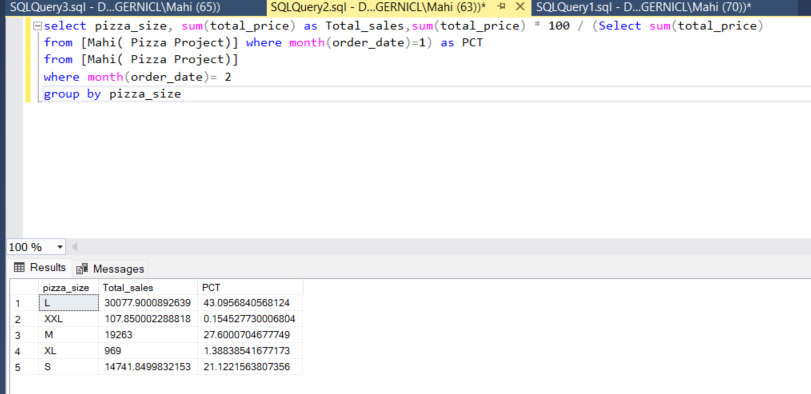
select pizza\_size, sum(total\_price) as Total\_sales,sum(total\_price) \* 100 / (Select sum(total\_price)

from [Mahi( Pizza Project)] where month(order\_date)=1) as PCT

from [Mahi( Pizza Project)]

where month(order\_date)= 2

group by pizza\_size

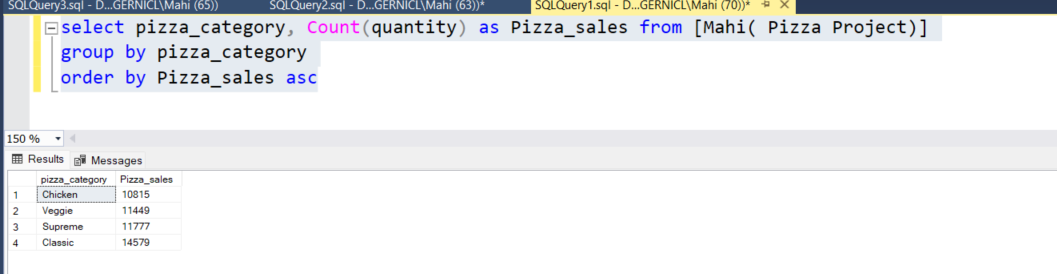


1. Total pizzas sold by Pizza category :

select pizza\_category, Count(quantity) as Pizza\_sales from [Mahi( Pizza Project)]

group by pizza\_category

order by Pizza\_sales asc



1. **Top 5 Best Pizzas**

SELECT pizza\_name, Pizza\_sales

FROM (

SELECT pizza\_name,

COUNT(quantity) AS Pizza\_sales,

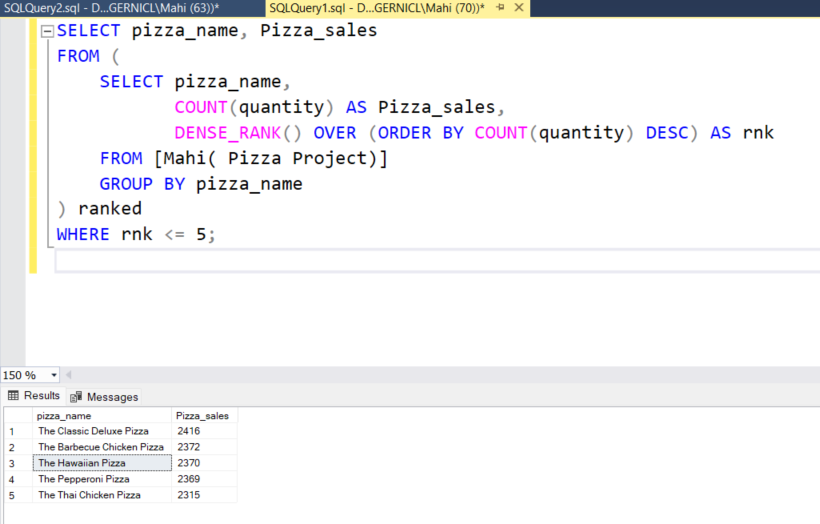
DENSE\_RANK() OVER (ORDER BY COUNT(quantity) DESC) AS rnk

FROM [Mahi( Pizza Project)]

GROUP BY pizza\_name

) ranked

WHERE rnk <= 5;



1. **Worst 5 selling Pizzas** :

SELECT pizza\_name, Pizza\_sales

FROM (

SELECT pizza\_name,

COUNT(quantity) AS Pizza\_sales,

DENSE\_RANK() OVER (ORDER BY COUNT(quantity) asc) AS rnk

FROM [Mahi( Pizza Project)]

GROUP BY pizza\_name

) ranked

WHERE rnk <= 5;

