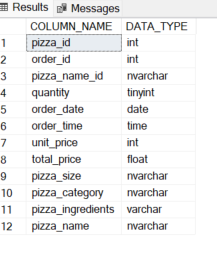
**Pizza Sales SQL- quries**

**Change Column Data Type**

Query:

ALTER TABLE pizza ALTER COLUMN unit\_price int;

Result:

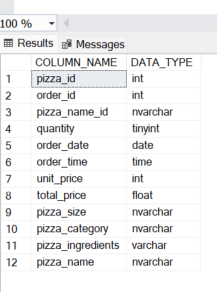


**Check Column names & Data types**

Query:

SELECT COLUMN\_NAME, DATA\_TYPE FROM INFORMATION\_SCHEMA.COLUMNS WHERE TABLE\_NAME = 'pizza';

Result:

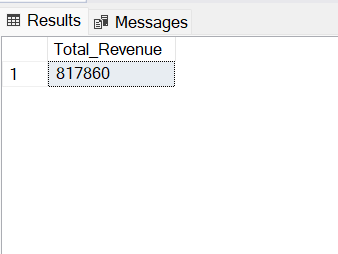


**Total Revenue**

Query:

SELECT ROUND(SUM(total\_price),0) AS Total\_Revenue FROM pizza;

Result:



**Average Order Value**

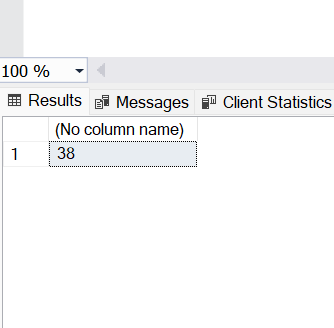
Query:

SELECT

ROUND (SUM(total\_price) / COUNT (DISTINCT order\_id),0) AS average\_order\_value

FROM pizza;

Result:

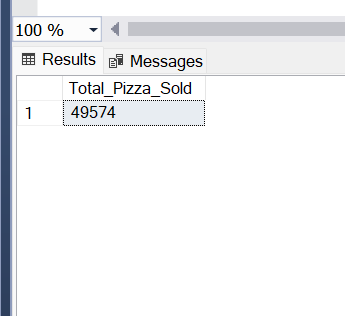


**Total Pizza Sold**

Query:

SELECT SUM(quantity) AS Total\_Pizza\_Sold FROM pizza;

Result:



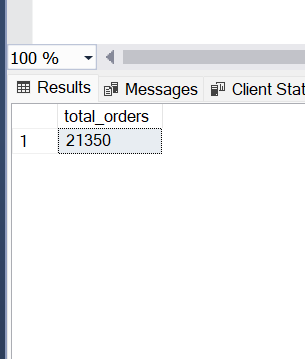
**Total Orders**

Query:

-- Orders are repeating so to just count one order once I used Distinct

SELECT COUNT(DISTINCT order\_id) AS total\_orders FROM pizza;

Result:



**Average Pizza Per Order**

Query:

SELECT

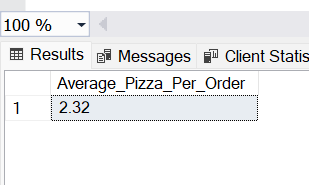
CAST(CAST(SUM(quantity) AS DECIMAL(10,2)) /

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

AS Average\_Pizza\_Per\_Order

FROM pizza;

Result:



**Total orders by day of week**

Query:

SELECT

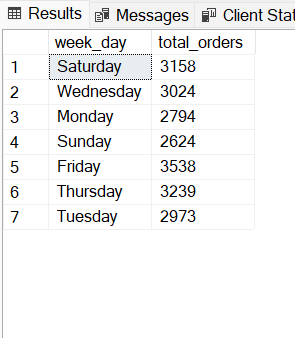
DATENAME(weekday,order\_date) AS week\_day,

COUNT(DISTINCT order\_id) AS total\_orders

FROM pizza

GROUP BY DATENAME(weekday,order\_date);

Result:



**Total Orders by Months**

Query:

SELECT

DATENAME(MONTH, order\_date) AS Name\_OF\_Month,

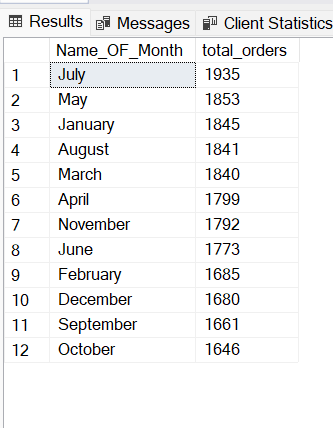
COUNT(DISTINCT order\_id) AS total\_orders

FROM pizza

GROUP BY DATENAME(MONTH, order\_date)

ORDER BY total\_orders DESC;

Result:



**Percentage of sale per pizza category**

Query:

SELECT

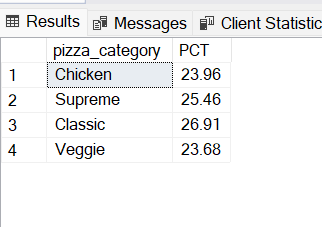
pizza\_category,

ROUND((SUM(total\_price) / (SELECT SUM(total\_price) FROM pizza)) \*100,2) AS PCT

FROM pizza

GROUP BY pizza\_category;

Result:



**Percentage of sale per pizza size**

Query:

SELECT

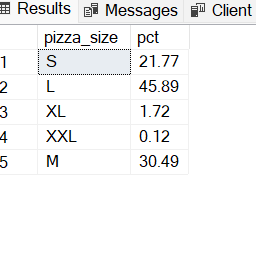
pizza\_size,

ROUND(SUM(total\_price) \*100 / (SELECT SUM(total\_price) FROM pizza), 2) AS pct

FROM pizza

GROUP BY pizza\_size;

Result:



**Total pizza sold by category**

Query:

SELECT

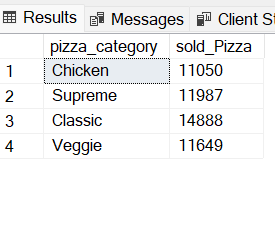
pizza\_category,

SUM(quantity) AS sold\_Pizza

FROM pizza

GROUP BY pizza\_category;

Result:



**TOP 5 pizza by revenue**

Query:

SELECT

TOP 5 pizza\_name,

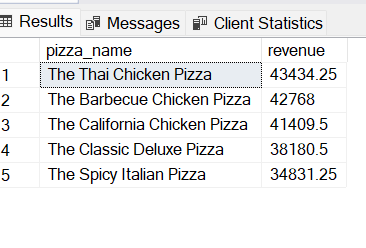
SUM(total\_price) AS revenue

FROM pizza

GROUP BY pizza\_name

ORDER BY revenue DESC;

Result:



**Bottom 5 pizza (name) by revenue**

Query:

SELECT

TOP 5 pizza\_name,

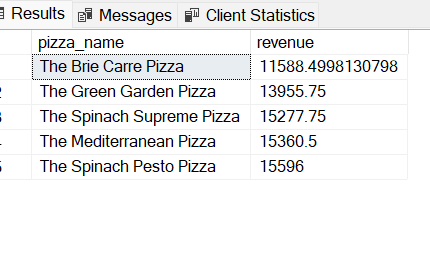
SUM(total\_price) AS revenue

FROM pizza

GROUP BY pizza\_name

ORDER BY revenue DESC;

Result:



**Top 5 pizza by Quantity**

Query:

SELECT

TOP 5 pizza\_name,

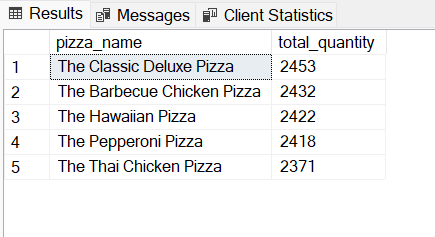
SUM(quantity) AS total\_quantity

FROM pizza

GROUP BY pizza\_name

ORDER BY total\_quantity DESC;

Result:



**Bottom 5 pizza by Quantity**

Query:

SELECT

TOP 5 pizza\_name,

SUM(quantity) AS total\_quantity

FROM pizza

GROUP BY pizza\_name

ORDER BY total\_quantity ASC;

Result:

