

# BlinkIt - SQL Queries

```
SELECT * FROM blinkit  
USE blinkit
```

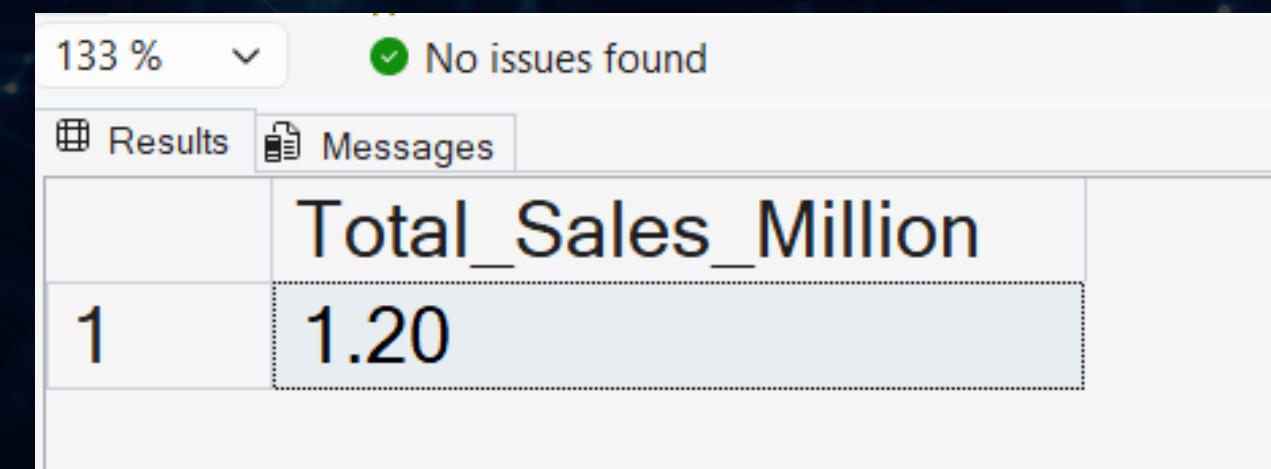
	Item_Fat_Content	Item_Identifier	Item_Type	Outlet_Establishment_Year	Outlet_Identifier	Outlet_Location_Type	Outlet_Size	Outlet_Type	Item_Visibility	Item_Weight	Total_Sales	Rating
1	Regular	FDX32	Fruits and Vegetables	2012	OUT049	Tier 1	Medium	Supermarket Type1	0.1000013501942158	15.1000003814697	145.478607177734	5
2	Low Fat	NCB42	Health and Hygiene	2022	OUT018	Tier 3	Medium	Supermarket Type2	0.00859605055302382	11.8000001907349	115.349197387695	5
3	Regular	FDR28	Frozen Foods	2010	OUT046	Tier 1	Small	Supermarket Type1	0.0258964859949184	13.8500000314697	165.029960693735	5
4	Regular	FDL50	Canned	2000	OUT013	Tier 3	High	Supermarket Type1	0.0422778683711181	12.1499996185303	126.504600524902	5
5	Low Fat	DR125	Soft Drinks	2015	OUT045	Tier 2	Small	Supermarket Type1	0.033970195800066	19.6000003814697	55.1613998413086	5
6	Low Fat	FDS52	Frozen Foods	2020	OUT017	Tier 2	Small	Supermarket Type1	0.00550548080354929	8.89000003432275	102.40160369873	5
7	Low Fat	NCU05	Health and Hygiene	2011	OUT010	Tier 3	Small	Grocery Store	0.0983124262331711	18.0000001907349	81.461799621582	5
8	Low Fat	NCD30	Household	2015	OUT045	Tier 2	Small	Supermarket Type1	0.0269037131220102	19.7000007629395	96.0726013183594	5
9	Low Fat	FDW20	Fruits and Vegetables	2000	OUT013	Tier 3	High	Supermarket Type1	0.024129331111908	20.75	124.172996520996	5
10	Low Fat	FDX25	Canned	1998	OUT027	Tier 3	Medium	Supermarket Type3	0.101561568677425	NULL	181.92919921875	5
11	Low Fat	FDX21	Snack Foods	1998	OUT027	Tier 3	Medium	Supermarket Type3	0.0845545679330826	NULL	109.89119720459	5
12	Low Fat	NCU41	Health and Hygiene	2017	OUT035	Tier 2	Small	Supermarket Type1	0.0520449765026569	18.8500003814697	192.184600830078	5
13	Low Fat	FDL20	Fruits and Vegetables	2022	OUT018	Tier 3	Medium	Supermarket Type2	0.128937661647797	17.1000003814697	112.388603210449	5
14	Low Fat	NCR54	Household	2000	OUT013	Tier 3	High	Supermarket Type1	0.090486824512817	16.3500003814697	195.210998535156	5
15	Low Fat	FDH19	Meat	1998	OUT027	Tier 3	Medium	Supermarket Type3	0.0329282395541668	NULL	173.17397607422	5
16	Regular	FDB57	Fruits and Vegetables	2017	OUT035	Tier 2	Small	Supermarket Type1	0.018801549449563	20.25	222.177200317383	5
17	Low Fat	FDO23	Breads	2022	OUT018	Tier 3	Medium	Supermarket Type2	0.1470238263754	17.8500003814697	93.743599379883	5
18	Low Fat	NCB07	Household	2012	OUT049	Tier 1	Medium	Supermarket Type1	0.0776280537247658	19.2000007629395	197.610992431641	5
19	Low Fat	FDJ56	Fruits and Vegetables	1998	OUT027	Tier 3	Medium	Supermarket Type3	0.182514876127243	NULL	98.769996430664	5
20	Low Fat	DRN47	Hard Drinks	2022	OUT018	Tier 3	Medium	Supermarket Type2	0.016895292326808	12.1000003814697	178.569994262695	5
21	Regular	FDZ07	Fruits and Vegetables	1998	OUT027	Tier 3	Medium	Supermarket Type3	0	NULL	60.2193984985352	5
22	Low Fat	NCK31	Others	1998	OUT027	Tier 3	Medium	Supermarket Type3	0.0269167944788933	NULL	50.9665985107422	5
23	Low Fat	FDJ41	Frozen Foods	2022	OUT018	Tier 3	Medium	Supermarket Type2	0.0229764971882105	6.84999990463257	216.659393310547	5
24	Low Fat	DR151	Dairy	2022	OUT018	Tier 3	Medium	Supermarket Type2	0.042413704097271	17.25	173.1764066860352	5
25	Regular	FDC40	Dairy	2020	OUT017	Tier 2	Medium	Supermarket Type1	0.0654319152235985	16	76.198600769043	5
26	Low Fat	FDB53	Frozen Foods	2020	OUT017	Tier 2	Medium	Supermarket Type1	0.140241205692291	13.3500003814697	150.239196777344	5
27	Low Fat	FDA16	Frozen Foods	2017	OUT035	Tier 2	Small	Supermarket Type1	0.0393557667773224	6.69500017166138	221.945602416992	5
28	Regular	FDO19	Fruits and Vegetables	1998	OUT027	Tier 3	Medium	Supermarket Type3	0.016516275703907	NULL	47.4034004211426	5
29	Low Fat	FDO04	Frozen Foods	2010	OUT046	Tier 1	Small	Supermarket Type1	0.0265372060239315	16.6000003814697	57.26139935154297	5
30	Regular	FDL25	Breakfast	2012	OUT049	Tier 1	Medium	Supermarket Type1	0.1311284607629395	6.92000007629395	93.180370336914	5
31	Low Fat	NCJ30	Household	2010	OUT046	Tier 1	Small	Supermarket Type1	0.0806040799222946	5.82000017166138	167.779006585008	5

# TOTAL SALES:

--A. KPI's

--1. TOTAL SALES:

```
SELECT CAST(SUM(Total_Sales) / 1000000.0  
AS DECIMAL(10,2)) AS Total_Sales_Million  
FROM blinkit;
```



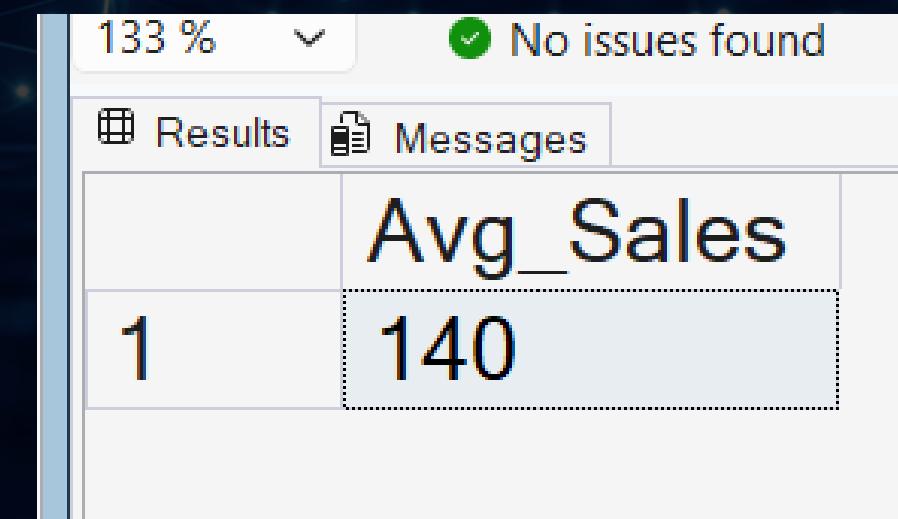
The screenshot shows a database query results window. At the top, it displays "133 %" and "No issues found". Below this, there are two tabs: "Results" and "Messages", with "Results" being the active tab. The results table has one row and two columns. The first column is labeled "Total\_Sales\_Million" and the second column contains the value "1.20".

	Total_Sales_Million
1	1.20

# AVERAGE SALES

--2. AVERAGE SALES

```
SELECT CAST(AVG(Total_Sales) AS INT) AS Avg_Sales  
FROM blinkit;
```



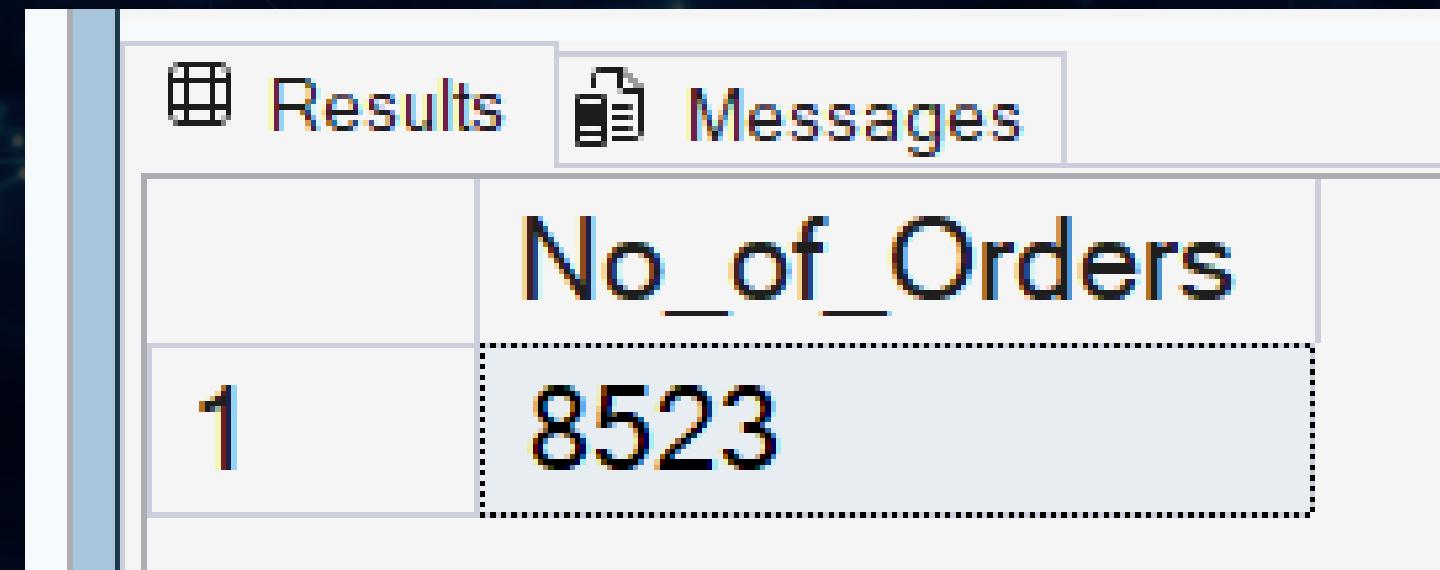
The screenshot shows a software interface for running SQL queries. At the top, there's a progress bar indicating "133 %". To its right is a green checkmark icon and the text "No issues found". Below this is a navigation bar with two tabs: "Results" (which is selected and highlighted in blue) and "Messages". The main area displays a table with one row. The table has two columns: the first column is labeled "Avg\_Sales" and the second column contains the value "140".

	Avg_Sales
1	140

# NO OF ITEMS

--3. NO OF ITEMS

```
SELECT COUNT(*) AS No_of_Orders  
FROM blinkit;
```



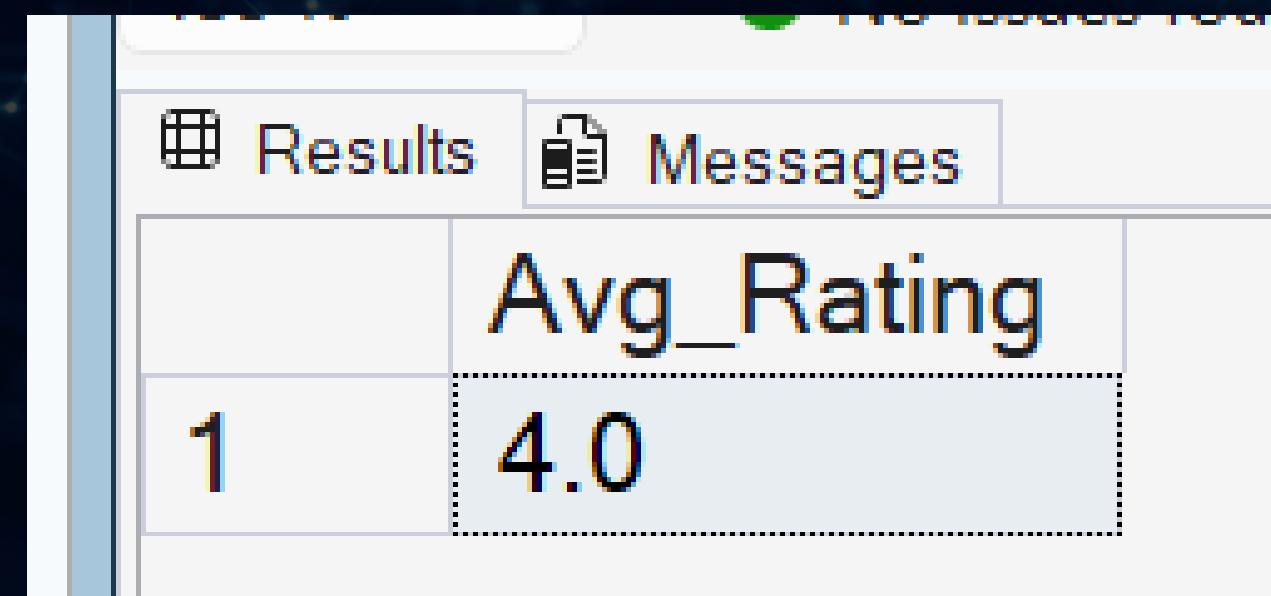
The image shows a screenshot of a database query results window. At the top, there are two tabs: "Results" (which is selected) and "Messages". The main area displays a single row of data in a table format. The table has two columns: the first column is labeled "No\_of\_Orders" and contains the value "1"; the second column is labeled "8523". The "8523" value is highlighted with a dashed red border.

No_of_Orders	8523
1	8523

# AVG RATING

--4. AVG RATING

```
SELECT CAST(AVG(Rating) AS DECIMAL(10,1))  
AS Avg_Rating  
FROM blinkit;
```



The screenshot shows a database query results window. At the top, there are two tabs: "Results" (which is selected) and "Messages". The main area displays a single row of data in a table format. The table has two columns: the first column is labeled "Avg\_Rating" and contains the value "4.0". The second column is labeled "1" and contains the value "4.0". The entire row is highlighted with a dashed border.

	Avg_Rating
1	4.0

# Total Sales by Fat Content:

--B. Total Sales by Fat Content:

```
SELECT Item_Fat_Content, CAST(SUM(Total_Sales)
AS DECIMAL(10,2)) AS Total_Sales
FROM blinkit
GROUP BY Item_Fat_Content
```



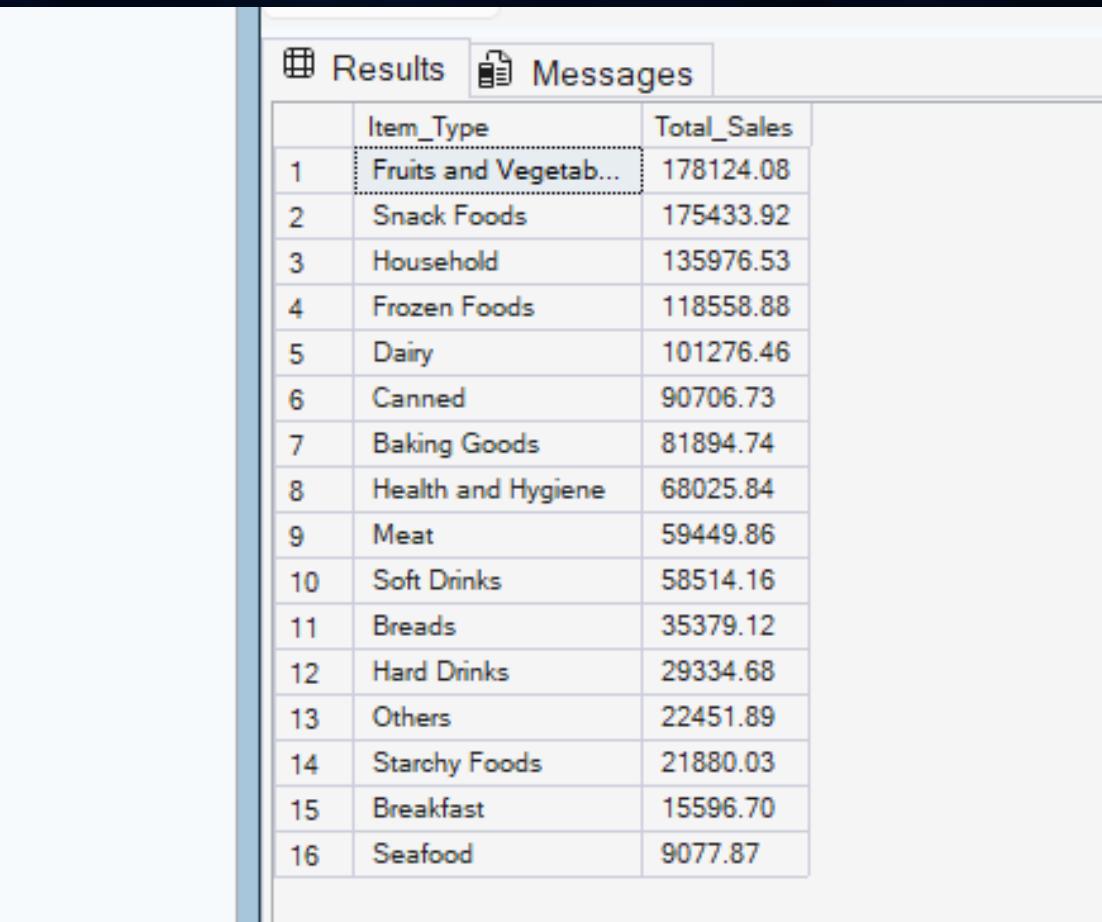
The image shows a screenshot of a SQL query results window. At the top, there are tabs for "Results" and "Messages". The "Results" tab is selected, displaying a table with two rows of data. The table has three columns: "Item\_Fat\_Content" (containing "Low Fat" and "Regular"), "Total\_Sales" (containing 776319.68 and 425361.80), and an unnamed column (containing 1 and 2). The background of the slide features a dark blue gradient with a subtle network or mesh pattern.

	Item_Fat_Content	Total_Sales
1	Low Fat	776319.68
2	Regular	425361.80

# Total Sales by Item Type

--C. Total Sales by Item Type

```
SELECT Item_Type, CAST(SUM(Total_Sales)
AS DECIMAL(10,2)) AS Total_Sales
FROM blinkit
GROUP BY Item_Type
ORDER BY Total_Sales DESC
```

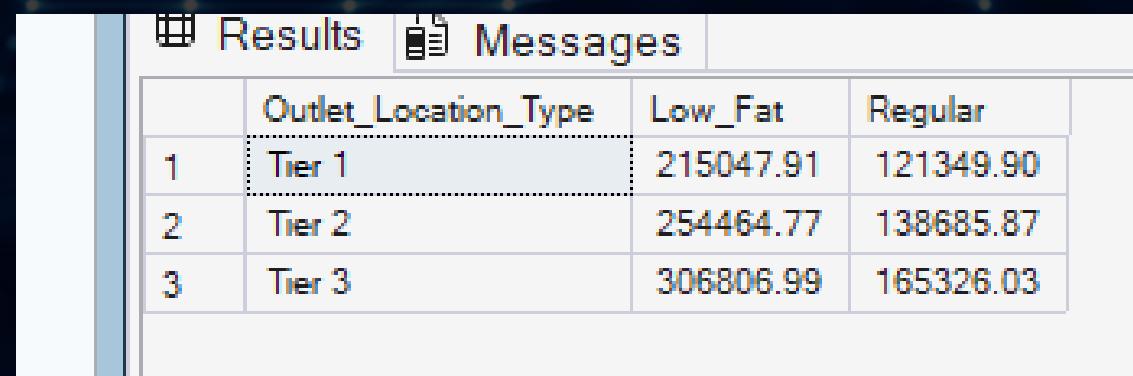


The screenshot shows a SQL query results window with two tabs: 'Results' and 'Messages'. The 'Results' tab is selected and displays a table with 16 rows, showing the total sales for various item types. The table has columns 'Item\_Type' and 'Total\_Sales'. The data is sorted by 'Total\_Sales' in descending order. The top row shows 'Fruits and Vegetab...' with a value of 178124.08.

	Item_Type	Total_Sales
1	Fruits and Vegetab...	178124.08
2	Snack Foods	175433.92
3	Household	135976.53
4	Frozen Foods	118558.88
5	Dairy	101276.46
6	Canned	90706.73
7	Baking Goods	81894.74
8	Health and Hygiene	68025.84
9	Meat	59449.86
10	Soft Drinks	58514.16
11	Breads	35379.12
12	Hard Drinks	29334.68
13	Others	22451.89
14	Starchy Foods	21880.03
15	Breakfast	15596.70
16	Seafood	9077.87

# Fat Content by Outlet for Total Sales

```
--D. Fat Content by Outlet for Total Sales
SELECT Outlet_Location_Type,
       ISNULL([Low Fat], 0) AS Low_Fat,
       ISNULL([Regular], 0) AS Regular
FROM
(
    SELECT Outlet_Location_Type, Item_Fat_Content,
           CAST(SUM(Total_Sales)
                AS DECIMAL(10,2)) AS Total_Sales
      FROM blinkit
     GROUP BY Outlet_Location_Type, Item_Fat_Content
) AS SourceTable
PIVOT
(
    SUM(Total_Sales)
    FOR Item_Fat_Content IN ([Low Fat], [Regular])
) AS PivotTable
ORDER BY Outlet_Location_Type;
```



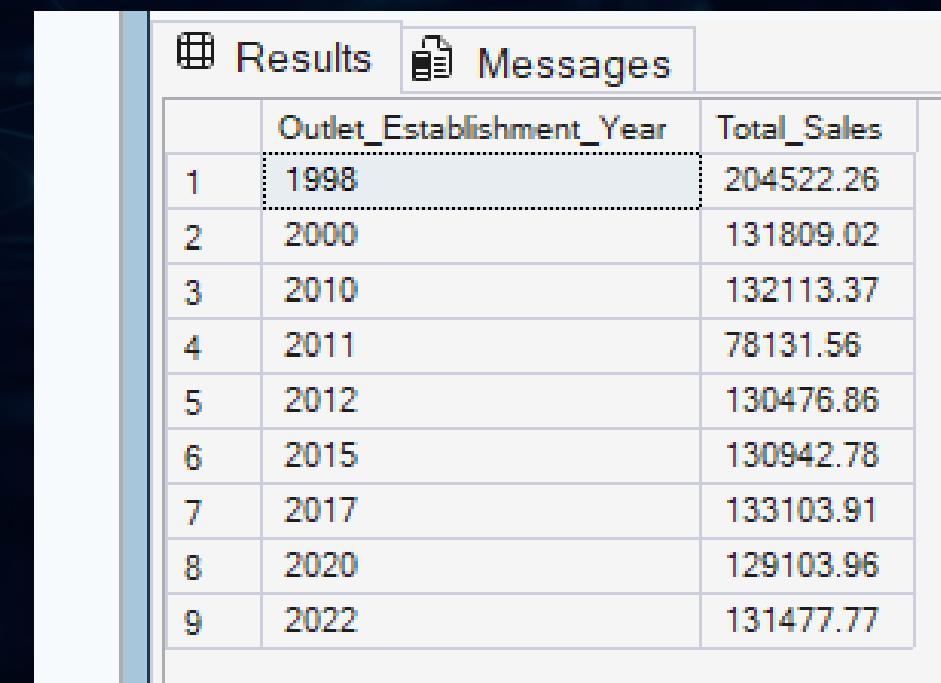
The screenshot shows a Windows-style application window titled "Results". It contains a table with four columns: "Outlet\_Location\_Type", "Low\_Fat", and "Regular". There is also an additional column header "1" at the top left of the table. The data is as follows:

1	Outlet_Location_Type	Low_Fat	Regular
1	Tier 1	215047.91	121349.90
2	Tier 2	254464.77	138685.87
3	Tier 3	306806.99	165326.03

# Total Sales by Outlet Establishment

--E. Total Sales by Outlet Establishment

```
SELECT Outlet_Establishment_Year,  
CAST(SUM(Total_Sales)  
AS DECIMAL(10,2)) AS Total_Sales  
FROM blinkit  
GROUP BY Outlet_Establishment_Year  
ORDER BY Outlet_Establishment_Year
```

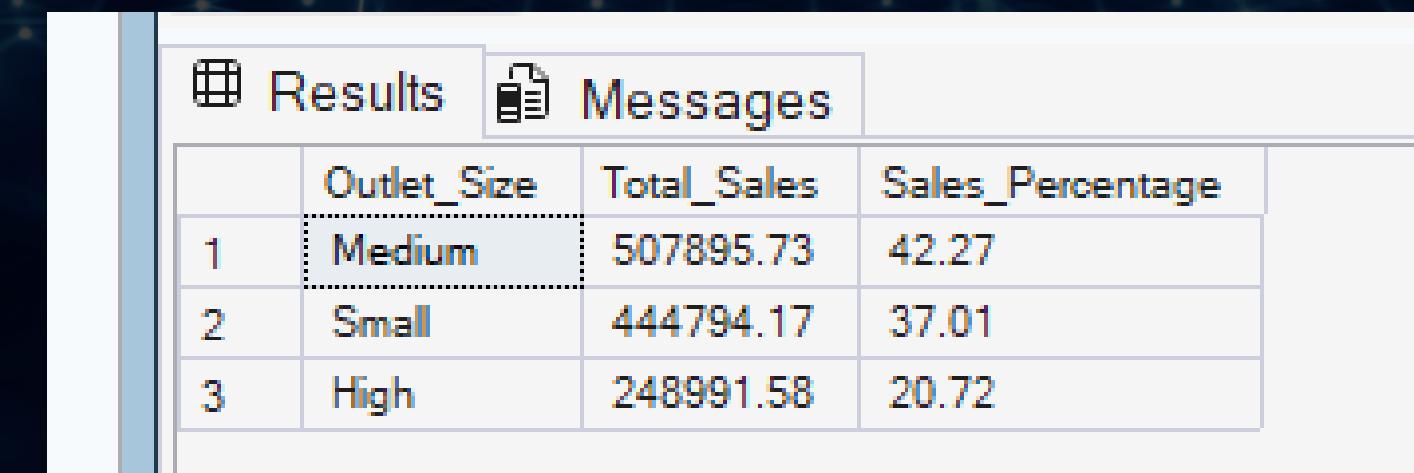


The screenshot shows a SQL query results window with two tabs: 'Results' and 'Messages'. The 'Results' tab is active, displaying a table with the following data:

	Outlet_Establishment_Year	Total_Sales
1	1998	204522.26
2	2000	131809.02
3	2010	132113.37
4	2011	78131.56
5	2012	130476.86
6	2015	130942.78
7	2017	133103.91
8	2020	129103.96
9	2022	131477.77

# Percentage of Sales by Outlet Size

```
SELECT  
    Outlet_Size,  
    CAST(SUM(Total_Sales)  
        AS DECIMAL(10,2)) AS Total_Sales,  
    CAST((SUM(Total_Sales) * 100.0 /  
        SUM(SUM(Total_Sales))) OVER())  
        AS DECIMAL(10,2)) AS Sales_Percentage  
FROM blinkit  
GROUP BY Outlet_Size  
ORDER BY Total_Sales DESC;
```



The screenshot shows a SQL query results window with two tabs: 'Results' and 'Messages'. The 'Results' tab is selected and displays a table with four columns: 'Outlet\_Size', 'Total\_Sales', 'Sales\_Percentage', and a row number '1'. The data is as follows:

	Outlet_Size	Total_Sales	Sales_Percentage
1	Medium	507895.73	42.27
2	Small	444794.17	37.01
3	High	248991.58	20.72

# Sales by Outlet Location

```
--G. Sales by Outlet Location  
SELECT Outlet_Location_Type,  
CAST(SUM(Total_Sales)  
AS DECIMAL(10,2)) AS Total_Sales  
FROM blinkit  
GROUP BY Outlet_Location_Type  
ORDER BY Total_Sales DESC|
```

The screenshot shows a Windows-style application window titled "Results" containing a table of sales data. The table has three columns: "Outlet\_Location\_Type" and "Total\_Sales". The data is ordered by "Total\_Sales" in descending order. The results are as follows:

	Outlet_Location_Type	Total_Sales
1	Tier 3	472133.03
2	Tier 2	393150.64
3	Tier 1	336397.81

# All Metrics by Outlet Type:

```
--H. All Metrics by Outlet Type:  
SELECT Outlet_Type,  
       CAST(SUM(Total_Sales) AS DECIMAL(10,2)) AS Total_Sales,  
             CAST(AVG(Total_Sales) AS DECIMAL(10,0)) AS Avg_Sales,  
       COUNT(*) AS No_Of_Items,  
             CAST(AVG(Rating) AS DECIMAL(10,2)) AS Avg_Rating,  
             CAST(AVG(Item_Visibility) AS DECIMAL(10,2)) AS Item_Visibility  
FROM blinkit  
GROUP BY Outlet_Type  
ORDER BY Total_Sales DESC
```

	Outlet_Type	Total_Sales	Avg_Sales	No_Of_Items	Avg_Rating	Item_Visibility
1	Supermarket Type1	787549.89	141	5577	3.96	0.06
2	Grocery Store	151939.15	140	1083	3.99	0.10
3	Supermarket Type2	131477.77	142	928	3.97	0.06
4	Supermarket Type3	130714.67	140	935	3.95	0.06