BLINKIT ANALYSIS

* **See all the Data imported:**

SELECT \* FROM blinkit\_data

* **Data Cleaning:**

UPDATE blinkit\_data

SET Item\_Fat\_Content =

CASE

WHEN Item\_Fat\_Content IN ('LF', 'low fat') THEN 'Low Fat'

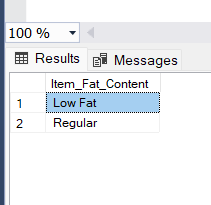
WHEN Item\_Fat\_Content = 'reg' THEN 'Regular'

ELSE Item\_Fat\_Content

END

After executing this query check the data has been cleaned or not using below query

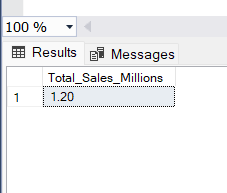
SELECT DISTINCT(Item\_Fat\_Content) FROM blinkit\_data



1. **KPI’s Requirements**
2. **Total Sales:-**

SELECT CAST(SUM(Total\_Sales)/1000000 AS DECIMAL(10,2)) AS Total\_Sales\_Millions

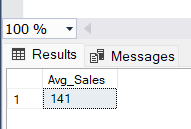
FROM blinkit\_data



1. **Average Sales:-**

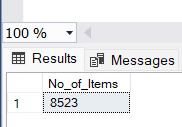
SELECT CAST(AVG(Total\_Sales) AS DECIMAL(10,0))AS Avg\_Sales

FROM blinkit\_data



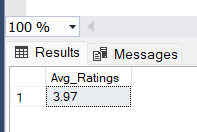
1. **No. of Items:-**

SELECT COUNT(\*) AS No\_of\_Items FROM blinkit\_data



1. **Average Ratings:-**

SELECT CAST(AVG(Rating) AS DECIMAL(10,2)) AS Avg\_Ratings FROM blinkit\_data



1. **Chart Requirements**
2. **Total Sales by Fat Content:-**

SELECT Item\_Fat\_Content,

CONCAT(CAST(SUM(Total\_Sales) AS DECIMAL (10,2)),' K') AS

Total\_Sales\_Thousands,

CAST(AVG(Total\_Sales) AS DECIMAL(10,2)) AS Avg\_Sales,

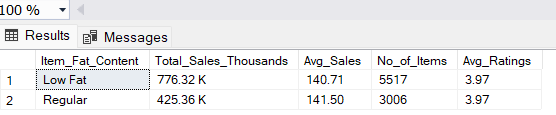
COUNT(\*) AS No\_of\_Items,

CAST(AVG(Rating) AS DECIMAL(10,2)) AS Avg\_Ratings

FROM blinkit\_data

GROUP BY Item\_Fat\_Content

ORDER BY Total\_Sales\_Thousands DESC



1. **Total Sales by Item Type:-**

SELECT Item\_Type,

CAST(SUM(Total\_Sales)/1000 AS DECIMAL(10,2)) AS Total\_Sales\_Thousands,

CAST(AVG(Total\_Sales) AS DECIMAL(10,1)) AS Avg\_Sales,

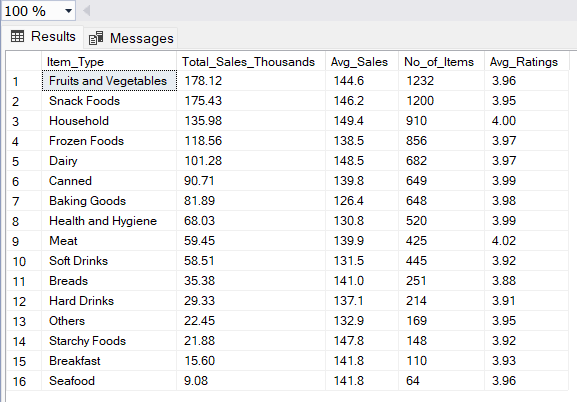
COUNT(\*) AS No\_of\_Items,

CAST(AVG(Rating) AS DECIMAL(10,2)) AS Avg\_Ratings

FROM blinkit\_data

GROUP BY Item\_Type

ORDER BY Total\_Sales\_Thousands DESC



1. **Fat Content by 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)/1000 AS DECIMAL(10,2)) AS

Total\_Sales\_Thousands

FROM blinkit\_data

GROUP BY Outlet\_Location\_Type, Item\_Fat\_Content

) AS Source\_Table

PIVOT

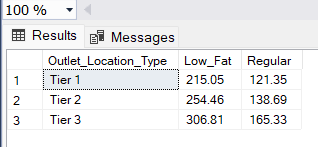
(

SUM(Total\_Sales\_Thousands)

FOR Item\_Fat\_Content IN ( [Low Fat], [Regular])

) AS Pivot\_Table

ORDER BY Outlet\_Location\_Type;



1. **Total Sales by Outlet Establishment:-**

SELECT Outlet\_Establishment\_Year,

CAST(SUM(Total\_Sales)/1000 AS DECIMAL(10,2)) AS Total\_Sales\_Thousands,

CAST(AVG(Total\_Sales) AS DECIMAL(10,1)) AS Avg\_Sales,

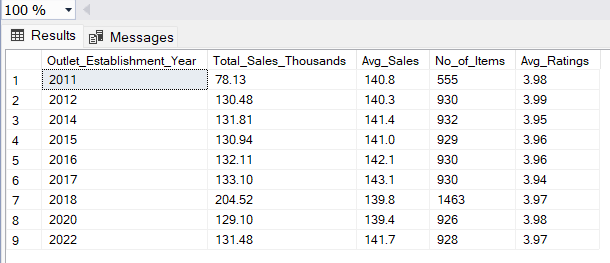
COUNT(\*) AS No\_of\_Items,

CAST(AVG(Rating) AS DECIMAL(10,2)) AS Avg\_Ratings

FROM blinkit\_data

GROUP BY Outlet\_Establishment\_Year

ORDER BY Outlet\_Establishment\_Year



1. **Percentage of Sales by Outlet Size:-**

SELECT Outlet\_Size,

CAST(SUM(Total\_Sales) AS DECIMAL(10,2)) AS Total\_Sales,

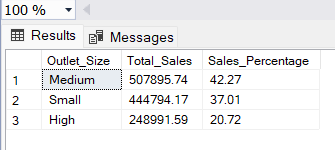
CAST(SUM(Total\_Sales) \* 100.0 / SUM(SUM(Total\_Sales)) OVER() AS

DECIMAL(10,2)) AS Sales\_Percentage

FROM blinkit\_data

GROUP BY Outlet\_Size

ORDER BY Total\_Sales Desc



1. **Sales by Outlet Location:-**

SELECT Outlet\_Location\_Type,

CAST(SUM(Total\_Sales)/1000 AS DECIMAL(10,2)) AS Total\_Sales\_Thousands,

CAST(AVG(Total\_Sales) AS DECIMAL(10,1)) AS Avg\_Sales,

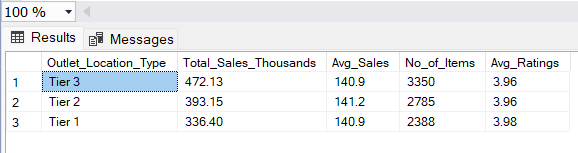
COUNT(\*) AS No\_of\_Items,

CAST(AVG(Rating) AS DECIMAL(10,2)) AS Avg\_Ratings

FROM blinkit\_data

GROUP BY Outlet\_Location\_Type

ORDER BY Total\_Sales\_Thousands DESC



1. **All Metric By Outlet Type:-**

SELECT Outlet\_Type,

CAST(SUM(Total\_Sales)/1000 AS DECIMAL(10,2)) AS Total\_Sales\_Thousands,

CAST(AVG(Total\_Sales) AS DECIMAL(10,1)) AS Avg\_Sales,

COUNT(\*) AS No\_of\_Items,

CAST(AVG(Rating) AS DECIMAL(10,2)) AS Avg\_Ratings

FROM blinkit\_data

GROUP BY Outlet\_Type

ORDER BY Total\_Sales\_Thousands DESC

