**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;



**Queries and Questions:**

1. **Find the total Revenue.**

SELECT ROUND(SUM(Total\_Sales)/1000000,3) AS Revenue\_in\_Mn

FROM blinkit\_grocery;

****

**2. Find the AVERAGE SALES**

SELECT ROUND(AVG(Total\_Sales),1) AS Average\_Sales

FROM Blinkit\_Grocery;

****

**3. NO OF ITEMS**

SELECT COUNT(\*) AS Number\_of\_Items

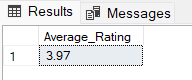
FROM blinkit\_Grocery;

****

**4. AVG of RATING**

SELECT ROUND(AVG(Rating),2) AS Average\_Rating

FROM blinkit\_Grocery;



**B. Avg Sales, Total sales, Count, Avg rating By "Fat\_content"**

SELECT Blinkit\_Grocery.Item\_Fat\_Content,

ROUND(SUM(total\_sales),2) AS Revenue,

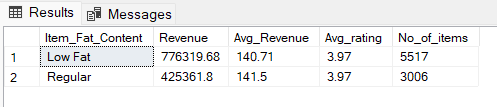
ROUND(AVG(total\_sales),2) AS Avg\_Revenue,

ROUND(AVG(rating),2) AS Avg\_rating,

COUNT(\*) AS No\_of\_items

FROM Blinkit\_Grocery

GROUP BY Item\_Fat\_Content;



**C. Avg Sales, Total sales, Count, Avg rating By "Item\_Type"**

SELECT Blinkit\_Grocery.Item\_Type,

ROUND(SUM(total\_sales),2) AS Revenue,

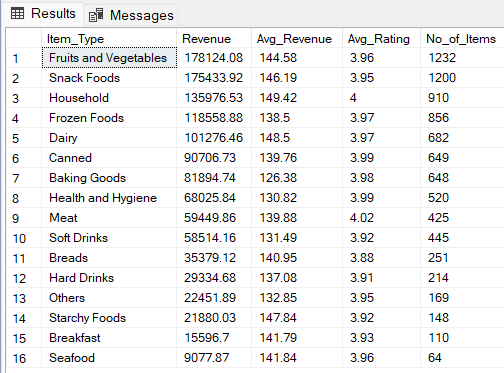
ROUND(AVG(total\_sales),2) AS Avg\_Revenue,

ROUND(AVG(rating),2) AS Avg\_rating,

COUNT(\*) AS No\_of\_items

FROM Blinkit\_Grocery

GROUP BY Item\_type

ORDER BY Revenue DESC;

**D. Fat Content by Outlet for Total Sales**

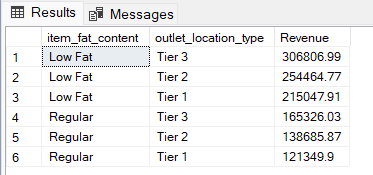
SELECT item\_fat\_content, outlet\_location\_type,

ROUND(SUM(total\_sales),2) AS Revenue

FROM blinkit\_grocery

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

ORDER BY Revenue DESC;

****

**E. Total Sales by Outlet Establishment**

SELECT Outlet\_Establishment\_Year, ROUND(SUM(Total\_Sales),2) AS Revenue

FROM blinkit\_Grocery

GROUP BY Outlet\_Establishment\_Year

ORDER BY Outlet\_Establishment\_Year:

****

**F. Percentage of Sales by Outlet Size**

SELECT outlet\_size, SUM(Total\_sales),

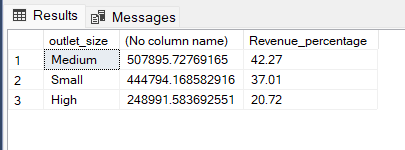
ROUND(((SUM(total\_sales)/

(SELECT SUM(Total\_sales) as Revenue\_Overall FROM Blinkit\_Grocery))\*100),2) AS Revenue\_percentage

FROM Blinkit\_Grocery

GROUP BY Outlet\_Size

ORDER BY Revenue\_percentage DESC:

****

**G. Sales by Outlet Location**

SELECT Outlet\_Location\_Type, ROUND(SUM(Total\_Sales),2) AS Revenue

FROM blinkit\_Grocery

GROUP BY Outlet\_Location\_Type

ORDER BY Revenue DESC:

****

**H. All Metrics by Outlet Type:**

SELECT Outlet\_Type,

ROUND(SUM(Total\_Sales),2) AS Revenue,

ROUND(AVG(Total\_Sales),2) AS Avg\_Revenue,

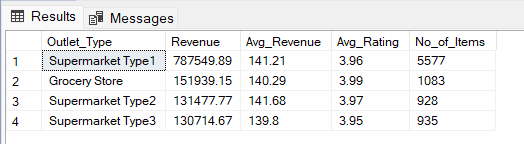
COUNT(\*) AS No\_Of\_Items,

ROUND(AVG(Rating),2) AS Avg\_Rating,

FROM blinkit\_Grocery

GROUP BY Outlet\_Type

ORDER BY Revenue DESC

****