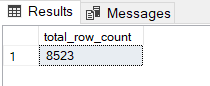
BLINKIT DATA SQL QUERIES AND RESULTS.

--1 Check the number of lines

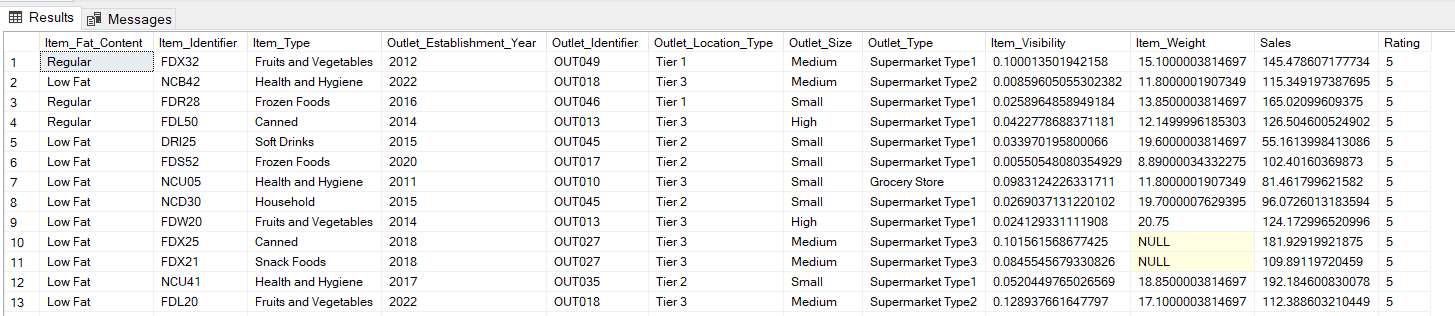
SELECT COUNT(\*) AS total\_row\_count

FROM BlinkIT\_Data



--2 Explore the data

SELECT \* FROM BlinkIT\_Data



--3 need to updae this col with the uniform value. convert lower cases to upper cases.

UPDATE BlinkIT\_Data

SET Item\_Fat\_Content = 'Low Fat'

WHERE Item\_Fat\_Content = 'low fat' OR Item\_Fat\_Content = 'LF'

--4 now we will update the other cols but with different approach, using case statements.

UPDATE BlinkIT\_Data

SET Item\_Fat\_Content =

CASE

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

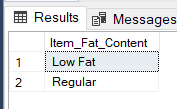
WHEN Item\_Fat\_Content = 'reg' THEN 'Regular'

ELSE Item\_Fat\_Content

END

--5 lets check whether the values have been updated.

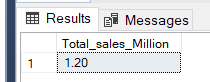
SELECT DISTINCT(Item\_Fat\_Content) FROM BlinkIT\_Data



--6 Total sales in millions

SELECT CAST(SUM(Sales)/1000000 AS DECIMAL(10,2)) AS Total\_sales\_Million

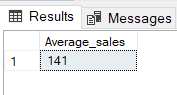
FROM BlinkIT\_Data



--7 Average Sales

SELECT ROUND(AVG(Sales),0) AS Average\_sales

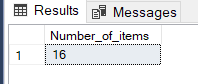
FROM BlinkIT\_Data



--8 Number of items

SELECT COUNT( DISTINCT Item\_Type) AS Number\_of\_items

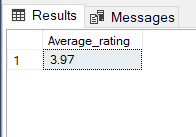
FROM BlinkIT\_Data



--9 Average Rating

SELECT CAST(AVG(Rating) AS DECIMAL(10,2)) AS Average\_rating

FROM BlinkIT\_Data

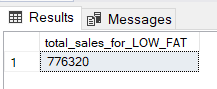


--10 Total sales for low fat items.

SELECT ROUND(SUM(Sales),0) AS total\_sales\_for\_LOW\_FAT

FROM BlinkIT\_Data

WHERE Item\_Fat\_Content = 'Low Fat'

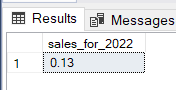


--11 Total sales for outlet establishment year (2022)

SELECT CAST(SUM(Sales)/1000000 AS decimal(10,2)) AS sales\_for\_2022

FROM BlinkIT\_Data

WHERE Outlet\_Establishment\_year = '2022'



--12 Sales by fat content

SELECT Item\_Fat\_Content, ROUND(SUM(Sales),0) AS Sales

FROM BlinkIT\_Data

GROUP BY Item\_Fat\_Content

