**Everyday Analysis**

* See all the data imported:
* select \* from everyday\_data;
* **DATA CLEANING:**

Cleaning the Item\_Fat\_Content field ensures data consistency and accuracy in analysis. The presence of multiple variations of the same category (e.g., LF, low fat vs. Low Fat) can cause issues in reporting, aggregations, and filtering. By standardizing these values, we improve data quality, making it easier to generate insights and maintain uniformity in our datasets.

**update everyday\_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

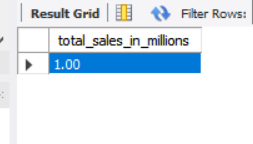
**select distinct item\_fat\_content from everyday\_data;**



**A. KPI’s**

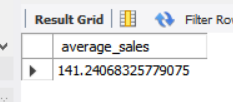
**1. TOTAL SALES:**

**select cast(sum(total\_sales)/1000000 as decimal(10,2)) as total\_sales\_in\_millions from everyday\_data ;**



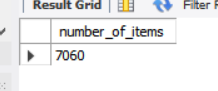
1. **AVERAGE SALES**

**select avg(total\_sales) as average\_sales from everyday\_data;**



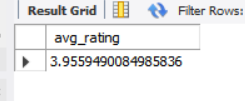
1. **NO OF ITEMS**

**select count(\*) as number\_of\_items from everyday\_data ;**



1. **AVG RATING**

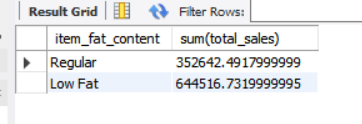
**select avg(rating) as avg\_rating from everyday\_data;**



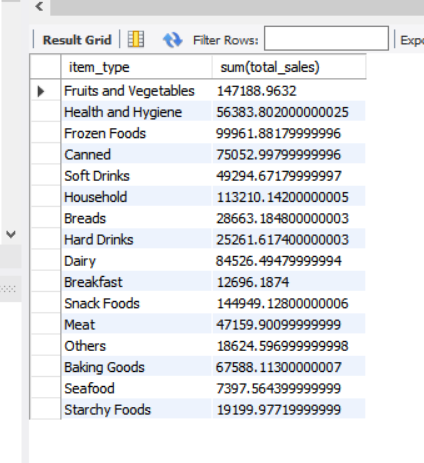
**-- granular requirements**

1. **total sales by fat content,**
2. **total sales by item type,**
3. **fat content by outlet for total sales**
4. **total sales by outlet establishment year**

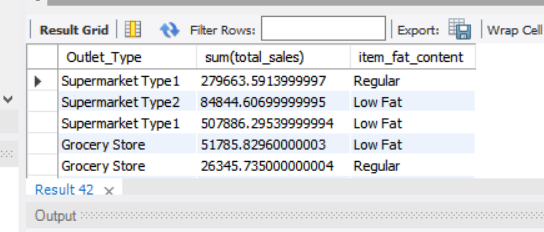
**>select item\_fat\_content,sum(total\_sales) from everyday\_data group by Item\_Fat\_Content ;**



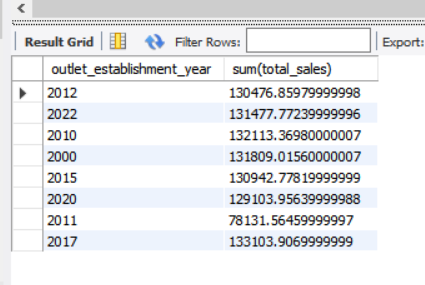
**>select item\_type,sum(total\_sales) from everyday\_data group by Item\_type;**



**select Outlet\_Type,sum(total\_sales),item\_fat\_content from everyday\_data group by Outlet\_Type,item\_fat\_content;**

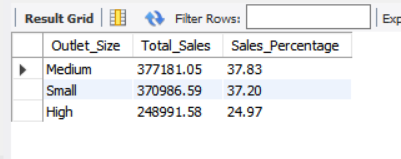


**>select outlet\_establishment\_year, sum(total\_sales) from everyday\_data group by outlet\_establishment\_year;**



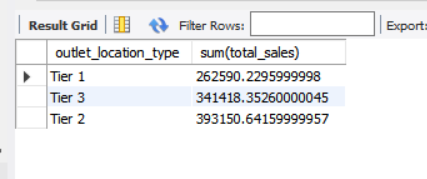
**F. Percentage of Sales by Outlet Size**

select outlet\_size, sum(total\_sales) as outlet\_sales, (sum(total\_sales)\*100.0)/(select sum(total\_sales) from everyday\_data) as sales\_percentage from everyday\_data group by outlet\_size;



**G. Sales by Outlet Location**

**>select outlet\_location\_type,sum(total\_sales) from everyday\_data group by outlet\_location\_type;**



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

**>select outlet\_type,sum(total\_sales) as total\_sales,avg(total\_sales) as avg\_sales,count(\*) as no\_of\_items,avg(rating) as avg\_rating,avg(item\_visibility) as item\_visibility from everyday\_data**

**group by outlet\_type**

**order by total\_sales desc;**

