Data Cleaning

In column of Item\_Fat\_Content there is some data is not proper so make in standardize formate by replacing with proper name to get data insights accurate

update dbo.blinkit\_data

set Item\_Fat\_Content=

case

when Item\_Fat\_Content in ('LF','law fat','low fat') then 'Low Fat'

when Item\_Fat\_Content ='reg' then 'Regular'

else Item\_Fat\_Content

end

;

SQL Queries

A.KPIS

**1.Total Sale**

select cast(SUM(Sales) as decimal (10,2)) as Total\_Sales

from dbo.blinkit\_data

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**2.Average Sales**

select cast(avg(Sales) as decimal (10,2))as Average\_Sales

from dbo.blinkit\_data

;

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**3.Number of Item**

select count(\*) as No\_Of\_Item

from dbo.blinkit\_data

;

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**4.Average Rating**

select cast(avg(rating) as decimal(10,2))as Average\_Rating

from dbo.blinkit\_data

;

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**5.Total Sales By Fat Content**

select Item\_Fat\_Content,

cast(SUM(Sales) as decimal(10,2)) as Total\_Sales,

cast(avg(Sales) as decimal(10,2)) as Avg\_Sales,

cast(avg(Rating)as decimal(10,2))as Avg\_Rating,

count(\*) as No\_Of\_Items

from dbo.blinkit\_data

group by Item\_Fat\_Content

order by Total\_Sales desc

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**6.Total Sales By Item Type**

select Item\_Type,

cast(SUM(Sales) as decimal(10,2)) as Total\_Sales,

cast(avg(Sales) as decimal(10,2)) as Avg\_Sales,

cast(avg(Rating)as decimal(10,2))as Avg\_Rating,

count(\*) as No\_Of\_Items

from dbo.blinkit\_data

group by Item\_Type

order by Total\_Sales desc

;

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**7. Total Sales by Outlet Establishment Year**

select Outlet\_Establishment\_Year,

cast(SUM(Sales) as decimal(10,2)) as Total\_Sales,

cast(avg(Sales) as decimal(10,2)) as Avg\_Sales,

cast(avg(Rating)as decimal(10,2))as Avg\_Rating,

count(\*) as No\_Of\_Items

from dbo.blinkit\_data

group by Outlet\_Establishment\_Year

order by Total\_Sales desc

;

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**8.Sales By Outlet Location**

select Outlet\_Location\_Type,

cast(SUM(Sales) as decimal(10,2)) as Total\_Sales,

cast(avg(Sales) as decimal(10,2)) as Avg\_Sales,

cast(avg(Rating)as decimal(10,2))as Avg\_Rating,

count(\*) as No\_Of\_Items

from dbo.blinkit\_data

group by Outlet\_Location\_Type

order by Total\_Sales desc

;

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**9.Percentage of Sales by outlet size**

select Outlet\_Size,

cast(sum(sales) as decimal(10,2))as Total\_sale,

cast(sum(Sales)\*100/SUM(SUM(Sales)) over()as decimal(10,2)) as Percent\_Of\_Sale

from dbo.blinkit\_data

group by Outlet\_Size

order by Percent\_Of\_Sale desc

;

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**10.All Metrics by Outlet type**

select Outlet\_Type,

cast(SUM(Sales) as decimal(10,2)) as Total\_Sales,

cast(avg(Sales) as decimal(10,2)) as Avg\_Sales,

cast(avg(Rating)as decimal(10,2))as Avg\_Rating,

count(\*) as No\_Of\_Items

from dbo.blinkit\_data

group by Outlet\_Type

order by Total\_Sales desc

;

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**11.Fat content by outlet for Total Sales**

.select \*

from(

select Outlet\_Location\_Type,Item\_Fat\_Content,

Sales

from dbo.blinkit\_data) as src

pivot(

sum(sales)

for Item\_Fat\_Content in ([Low Fat],[Regular])

)as pivot\_table

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