

BHASVATI SRISTI

SQL PROJECT



blinkit

DATA CLEANING AND EXPLORATION

- `select * from blinkit ;`
- `set SQL_SAFE_UPDATES=0;`
- `update blinkit set Item_Fat_Content =case
when Item_Fat_Content in ('LF','low fat') then 'Low Fat'
when Item_Fat_Content in ('reg','regular') then 'Regular'
else Item_Fat_Content end;`



SALES KPI'S

TOTAL SALES

```
select count(*) as Total_Sales from blinkit;
```

	Total_Sales
▶	7060

TOTAL SALES BY YEAR

```
select Outlet_establishment_year as Year_,  
       count(*) as Total_Sales_per_year  
from blinkit  
group by Outlet_Establishment_Year  
order by Outlet_Establishment_Year;
```

	Year_	Total_Sales_per_year
▶	2011	555
	2012	930
	2014	932
	2015	929
	2016	930
	2017	930
	2020	926
	2022	928

REVENUE KPI'S

TOTAL REVENUE

```
select round(sum(Sales),2) as Total_Revenue from blinkit;
```

Total_Revenue
997159.24

AVERAGE REVENUE PER SALE

```
select round(avg(Sales),2) as Average_sales_Millions  
from blinkit ;
```

Average_sales_Millions
141.24

OTHER KPI'S

NUMBER OF ITEMS

```
select count(distinct(Item_Type)) as Number_of_Items from blinkit;
```

	Number_of_Items
▶	16

AVERAGE RATING

```
select avg(Rating) as Average_Rating from blinkit;
```

	Average_Rating
▶	3.9559

GRANULAR KPI'S

TOTAL SALES BY FAT

```
select Item_Fat_Content, round(sum(Sales)) as Total_Sales_by_Fat  
from blinkit  
group by Item_Fat_Content;
```

Item_Fat_Content	Total_Sales_by_Fat
Regular	352642
Low Fat	644517

TOP 5 TOTAL SALES BY ITEM TYPE

```
select Item_Type, round(sum(Sales)) as Total_Sales_by_item  
from blinkit  
group by Item_Type  
order by round(sum(Sales)) desc  
limit 5;
```

Item_Type	Total_Sales_by_item
Fruits and Vegetables	147189
Snack Foods	144949
Household	113210
Frozen Foods	99962
Dairy	84526

GRANULAR KPI'S

FAT CONTENT BY LOCATION AND SALES

```
select Item_Fat_Content as Fat, Outlet_Location_Type as Location,  
       round(sum(Sales)) as Total_Sales,  
       round(avg(Sales)) as Average_Sales  
from blinkit  
group by Item_Fat_Content, Outlet_Location_Type  
order by Total_Sales;
```

Fat	Location	Total_Sales	Average_Sales
Regular	Tier 1	95571	143
Regular	Tier 3	118386	139
Regular	Tier 2	138686	142
Low Fat	Tier 1	167019	140
Low Fat	Tier 3	223033	143
Low Fat	Tier 2	254465	141

ITEM TYPE BY LOCATION AND SALES

```
select Item_Type, Outlet_Location_Type as Location,  
       round(sum(Sales)) as Total_Sales,  
       round(avg(Sales)) as Average_Sales  
from blinkit  
group by Item_Type,Outlet_Location_Type  
order by Total_Sales;
```

Item_Type	Location	Total_Sales	Average_Sales
Seafood	Tier 1	2055	158
Seafood	Tier 3	2390	149
Breakfast	Tier 1	2868	125
Seafood	Tier 2	2952	134
Starchy Foods	Tier 1	4742	148
Breakfast	Tier 2	4847	151
Breakfast	Tier 3	4981	146
Others	Tier 1	5611	144
Others	Tier 3	5919	129
Hard Drinks	Tier 1	6553	131
Starchy Foods	Tier 3	6834	152

GRANULAR KPI'S

SALES BY LOCATION TYPE

```
select Outlet_Location_Type ,  
       round(sum(Sales)) as Total_Sales,  
       round(avg(Sales),2) as Average_Sales  
from blinkit  
group by Outlet_Location_Type  
order by sum(Sales);
```

Outlet_Location_Type	Total_Sales	Average_Sales
Tier 1	262590	141.18
Tier 3	341418	141.37
Tier 2	393151	141.17

SALES BY OUTLET TYPE

```
select round(sum(Sales)) as Total_sales, Outlet_type  
from blinkit  
group by Outlet_Type  
order by Total_Sales;
```

Total_sales	Outlet_type
78132	Grocery Store
131478	Supermarket Type2
787550	Supermarket Type1

CONNECT WITH ME

BHASVATI SRISTI

LINKEDIN

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