

PROJECT BLINKIT GROCERY DATA

PRESENTED BY PRINCE KUMAR YADAV

- `create database Blinkitdb;`
- `CREATE TABLE Blinkit_data (`
 `Item_Fat_Content VARCHAR(10),`
 `Item_Identifier VARCHAR(10),`
 `Item_Type VARCHAR(25),`
 `Outlet_Establishment_Year YEAR,`
 `Outlet_Identifier VARCHAR(10),`
 `Outlet_Location_Type VARCHAR(10),`
 `Outlet_Size VARCHAR(10),`
 `outlet_Type VARCHAR(20),`
 `Item_Visibility FLOAT,`
 `Item_Weight FLOAT,`
 `Total_Sales FLOAT,`
 `Rating FLOAT`
`);`
- `select* from blinkit_data ;`

- 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;
- SELECT DISTINCT (item_fat_Content)
FROM
blinkit_data;

	item_fat_Content
▶	Regular
	Low Fat

-

SELECT

ROUND(SUM(Total_Sales)) **AS Total_Sales**

FROM

blinkit_data;

	Total_Sales
▶	997159

- **SELECT**

```
    ROUND(AVG(total_sales)) AS Avg_sales
```

```
FROM
```

```
blinkit_data;
```

	Avg_sales
▶	141

- **SELECT**
 COUNT(*) AS No_of_items
FROM
 blinkit_data
WHERE
 Outlet_Establishment_Year = 2022;

	No_of_items
▶	928

- **SELECT**
 ROUND(AVG(rating),2) AS Avg_rating
FROM
blinkit_data;

	Avg_rating
▶	3.97

- SELECT

```
    item_fat_content,  
    ROUND(SUM(Total_sales), 2) AS Total_Sales,  
    ROUND(AVG(total_sales)) AS Avg_sales,  
    COUNT(*) AS No_of_items,  
    ROUND(AVG(rating), 2) AS Avg_rating  
FROM  
    blinkit_data  
GROUP BY 1;
```

	item_fat_content	Total_Sales	Avg_sales	No_of_items	Avg_rating
▶	Regular	352642.49	141	2494	3.97
	Low Fat	644516.73	141	4566	3.97

- ```
SELECT
 item_type,
 outlet_size,
 ROUND(SUM(total_sales)) AS Total_sales
FROM
 blinkit_data
GROUP BY 1 , 2
ORDER BY 1;
```

|   | item_type    | outlet_size | Total_sales |
|---|--------------|-------------|-------------|
| ▶ | Baking Goods | High        | 20278       |
|   | Baking Goods | Medium      | 24089       |
|   | Baking Goods | Small       | 23221       |
| ▶ | Breads       | High        | 7357        |
|   | Breads       | Medium      | 10747       |
|   | Breads       | Breads      | 10559       |
| ▶ | Breakfast    | High        | 4073        |
|   | Breakfast    | Medium      | 5117        |
|   | Breakfast    | Small       | 3506        |
| ▶ | Canned       | High        | 19360       |
|   | Canned       | Medium      | 28284       |

- **SELECT**  
    **outlet\_location\_Type**,  
    **outlet\_establishment\_year**,  
    **ROUND(SUM(total\_sales), 2) AS total\_sales**  
**FROM**  
    **blinkit\_data**  
**GROUP BY 1 , 2**  
**ORDER BY 1;**

|   | <b>outlet_location_Type</b> | <b>outlet_establishment_year</b> | <b>total_sales</b> |
|---|-----------------------------|----------------------------------|--------------------|
| ▶ | Tier 1                      | 2010                             | 132113.37          |
|   | Tier 1                      | 2012                             | 130476.86          |
|   | Tier 2                      | 2015                             | 130942.78          |
|   | Tier 2                      | 2017                             | 133103.91          |
|   | Tier 2                      | 2020                             | 129103.96          |
|   | Tier 3                      | 2000                             | 131809.02          |
|   | Tier 3                      | 2011                             | 78131.56           |
|   | Tier 3                      | 2022                             | 131477.77          |

- `SELECT  
 outlet_size, COUNT(item_type) as Total_items  
FROM  
 blinkit_data  
GROUP BY 1  
ORDER BY 1;`

|   | outlet_size | Total_items |
|---|-------------|-------------|
| ▶ | High        | 1753        |
|   | Medium      | 2696        |
|   | Small       | 2611        |

**Thank you  
very much!**