





DATASET OVERVIEW

Number of Records: 8523

Item_Fat_Content	Item_Identifier	Item_Type	Outlet_Establishment_Year	Outlet_Identifier	Outlet_Location_Type	Outlet_Size	Outlet_Type	Item_Visibility	Item_Weight	Total_Sales	Rating
Regular	FDX32	Fruits and Vegetables	2012	OUT049	Tier 1	Medium	Supermarket Type 1	0.100014	15.1	145.479	5
Regular	FDR28	Frozen Foods	2010	OUT046	Tier 1	Small	Supermarket Type 1	0.0258965	13.85	165.021	5
Regular	FDL50	Canned	2000	OUT013	Tier 3	High	Supermarket Type 1	0.0422779	12.15	126.505	5
Regular	FDB57	Fruits and Vegetables	2017	OUT035	Tier 2	Small	Supermarket Type 1	0.0188015	20.25	222.177	5
Regular	FDZ07	Fruits and Vegetables	1998	OUT027	Tier 3	Medium	Supermarket Type3	0	NULL	60.2194	5
Regular	FDC40	Dairy	2020	OUT017	Tier 2	Medium	Supermarket Type 1	0.0654319	16	76.1986	5
Regular	FDO19	Fruits and Vegetables	1998	OUT027	Tier 3	Medium	Supermarket Type3	0.0165163	NULL	47.4034	5
Regular	FDL25	Breakfast	2012	OUT049	Tier 1	Medium	Supermarket Type 1	0.131128	6.92	93.1804	5
Regular	FDO45	Snack Foods	2015	OUT045	Tier 2	Medium	Supermarket Type 1	0.0380297	13.15	88.6856	5
Regular	FDP51	Meat	2010	OUT046	Tier 1	Small	Supermarket Type 1	0.085275	13.85	119.612	5
Regular	FDT50	Dairy	2000	OUT013	Tier 3	High	Supermarket Type 1	0.108149	6.75	95.6752	5
Regular	FDQ08	Fruits and Vegetables	1998	OUT027	Tier 3	Medium	Supermarket Type3	0.0188387	NULL	62.9536	5
Regular	FDP01	Breakfast	2011	OUT010	Tier 3	Medium	Grocery Store	0.105995	20.75	150.568	5
Regular	FDU12	Baking Goods	2012	OUT049	Tier 1	Medium	Supermarket Type 1	0.0758688	15.5	261.757	5
Regular	FDZ47	Baking Goods	2012	OUT049	Tier 1	Medium	Supermarket Type 1	0.0794198	20.7	99.8042	5
Regular	FDO11	Breads	2012	OUT049	Tier 1	Medium	Supermarket Type 1	0.030312	8	247,409	5



Total Revenue



```
-- Total Sales: The overall revenue generated from all items sold.
       SELECT
           ROUND(SUM(blinkit_data.Total_Sales), 2) AS total_revenue
       FROM
           blinkit_data
Export: Wrap Cell Content: 1A
  total_revenue
  1201681.48
```



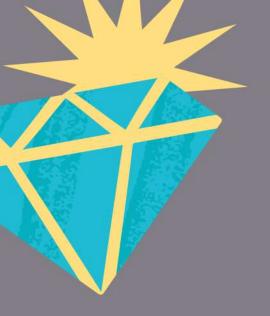


Total Items Sold

```
-- Number of Items: The total count of different items sold.
         SELECT
              COUNT(Item_Type) AS total_items_sold
         FROM
              blinkit_data
  6
Result Grid Filter Rows:
                                              Export: Wrap Cell Content: $\overline{1}{4}
   total_items_sold
  8523
```

Average Rating

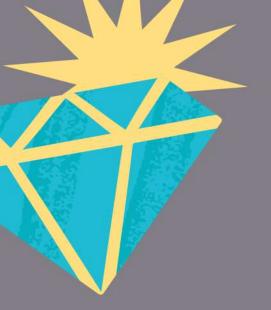
```
-- Average Rating: The average customer rating for items sold.
         SELECT
             ROUND(AVG(Rating),2)
         FROM
             blinkit_data
Result Grid Filter Rows:
                                           Export: Wrap Cell Content: TA
   ROUND(AVG(Rating), 2)
  3.96
```



Total Sales by Fat_Content

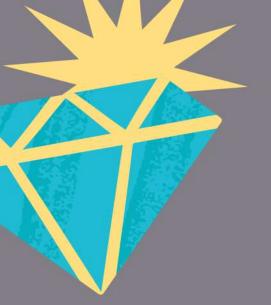
```
-- Total Sales by Fat Content:
  3 •
        SELECT
            blinkit_data.Item_Fat_Content,
            CAST(SUM(Total_sales) AS DECIMAL(10,2)) AS total_revenue
  6
        FROM
            blinkit_data
        GROUP BY Item_Fat_Content
  8
Export: Wrap Cell Content: $\overline{1}{4}$
   Item_Fat_Content
                  total_revenue
  Regular
                  425361.80
  Low Fat
                  776319.68
```





Items Sold vary with Fat_Content

```
-- (Number of Items sold) vary with fat content.
  2
         SELECT
              Item_Fat_Content, COUNT(Item_Identifier) A5 items_sold
         FROM
             blinkit_data
         GROUP BY Item_Fat_Content
Result Grid
                                             Export: Wrap Cell Content: $\frac{1}{4}$
               ♦ Filter Rows:
   Item_Fat_Content items_sold
   Regular
                    3006
   Low Fat
                    5517
```



Total Sales by Item Type

```
SELECT

Item_Type,

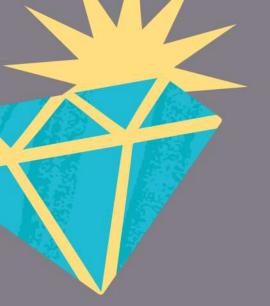
ROUND(SUM(Total_Sales), 3) AS total_revenue_by_ItemType

FROM

blinkit_data

GROUP BY Item_Type
```

ruits and Vegetables rozen Foods	total_revenue_by_ItemType 178124.081 118558.881
rozen Foods	
	110550.001
	90706.727
	101276.459
	15596.696
	175433.92
	59449.864
	81894.736
_	35379.12
	21880.027
	9077.87
	58514.165
	68025.839
	135976.525
	29334.677
	22451.892
	airy reakfast nack Foods eat aking Goods reads tarchy Foods eafood oft Drinks ealth and Hygiene ousehold ard Drinks thers



Average Sales vary with Item Type

```
-- (Average Sales) vary with Item Type

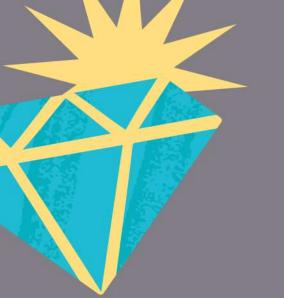
SELECT

Item_Type, ROUND(AVG(Total_Sales),2) AS avg_revenue_ItemType

FROM
blinkit_data

GROUP BY Item_Type
```

	Item_Type	avg_revenue_ItemType
•	Fruits and Vegetables	144.58
	Frozen Foods	138.5
	Canned	139.76
	Dairy	148.5
	Breakfast	141.79
	Snack Foods	146.19
	Meat	139.88
	Baking Goods	126.38
	Breads	140.95
	Starchy Foods	147.84
	Seafood	141.84
	Soft Drinks	131.49
	Health and Hygiene	130.82
	Household	149.42
	Hard Drinks	137.08
	Others	132.85



Number of Items sold vary with Item Type

```
-- (Number of Items sold) vary with Item Type

SELECT

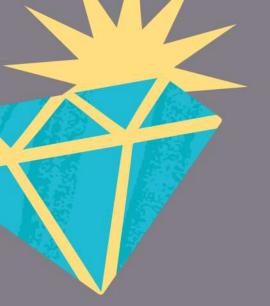
Item_Type, COUNT(Item_Identifier) AS no_of_Items

FROM

blinkit_data

GROUP BY Item_Type
```

	Item_Type	no_of_Items
•	Fruits and Vegetables	1232
	Frozen Foods	856
	Canned	649
	Dairy	682
	Breakfast	110
	Snack Foods	1200
	Meat	425
	Baking Goods	648
	Breads	251
	Starchy Foods	148
	Seafood	64
	Soft Drinks	445
	Health and Hygiene	520
	Household	910
	Hard Drinks	214
	Others	169



Average Rating vary with Item Type



```
-- (Average Rating) vary with Item Type

SELECT
    Item_Type, CAST(AVG(Rating) AS DECIMAL(10,2)) AS avg_rating_ItemType

FROM
    blinkit_data

GROUP BY Item_Type
```

	Item_Type	avg_rating_ItemType
>	Fruits and Vegetables	3.94
	Frozen Foods	3.96
	Canned	3.99
	Dairy	3.96
	Breakfast	3.93
	Snack Foods	3.95
	Meat	4.00
	Baking Goods	3.98
	Breads	3.86
	Starchy Foods	3.92
	Seafood	3.92
	Soft Drinks	3.91
	Health and Hygiene	3.97
	Household	4.00
	Hard Drinks	3.87
	Others	3.97

Fact Content by Outlet for Total Sales

39556.22

10654.8 40429.35 36109.8

2010 2000 2017 1998 2015 2011 2015 2020 2020 2021 2021

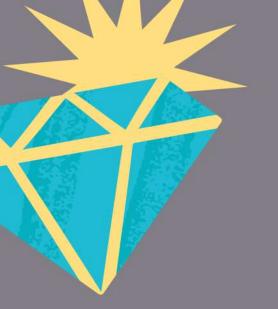
ОЛТ045

Small
High
Medium
Medium
Medium
Medium
Medium
Medium
Medium
Medium
Small
High
Medium
Small
Small
Small

48028.54

-- Fat Content by Outlet for Total Sales: Compare total sales across different outlets segmented by fat content.

```
SELECT
    Outlet_Type,
    Outlet_Location_Type,
    Outlet_Size,
    Outlet Identifier,
    Outlet_Establishment_Year,
    ROUND(SUM(CASE
                WHEN Item_Fat_Content = 'Low Fat' THEN Total Sales
                ELSE 0
            END),
            AS Low_Fat_Sales,
    ROUND(SUM(CASE
                WHEN Item_Fat_Content = 'Regular' THEN Total_Sales
                ELSE 0
            END),
            2) AS Regular_Sales,
    ROUND(SUM(Total_Sales),2) as total_Sales
FROM
    blinkitanalysis.blinkit data
GROUP BY Outlet_Type , Outlet_Location_Type , Outlet_Size , Outlet_Identifier , Outlet_Establishment_Year;
```

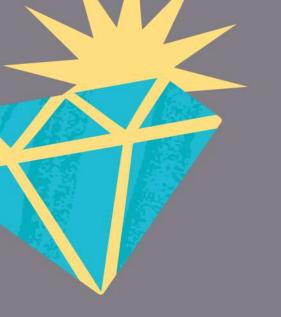


Total Sales by Outlet Establishment Year



```
SELECT
   Outlet_Establishment_Year,
   ROUND(SUM(Total_Sales), 3) AS total_revenue
FROM
   blinkit_data
GROUP BY Outlet_Establishment_Year
ORDER BY Outlet_Establishment_Year ASC
```

	Outlet_Establishment_Year	total_revenue
•	1998	204522.257
	2000	131809.016
	2010	132113.37
	2011	78131.564
	2012	130476.86
	2015	130942.778
	2017	133103.907
	2020	129103.956
	2022	131477.772

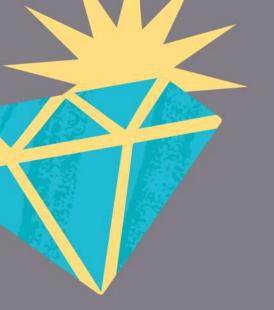


Percentage of Sales by Outlet Size



```
SELECT
   Outlet_Size,
   ROUND(SUM(Total_Sales), 2) AS total_sales,
   ROUND(100 * SUM(Total_Sales) / (SELECT SUM(Total_Sales) FROM blinkitanalysis.blinkit_data), 2) AS sales_percentage
FROM
   blinkitanalysis.blinkit_data
GROUP BY
   Outlet_Size;
```

	Outlet_Size	total_sales	sales_percentage
•	Medium	507895.73	42.27
	Small	444794.17	37.01
	High	248991.58	20.72



Sales by Outlet Location

```
les
```

```
SELECT
   Outlet_Location_Type,
   ROUND(SUM(Total_Sales), 2) AS total_sales
FROM
   blinkit_data
GROUP BY Outlet_Location_Type
```

	Outlet_Location_Type	total_sales
•	Tier 1	336397.81
	Tier 3	472133.03
	Tier 2	393150.64

Total Sales broken down by different outlet types

```
SELECT
```

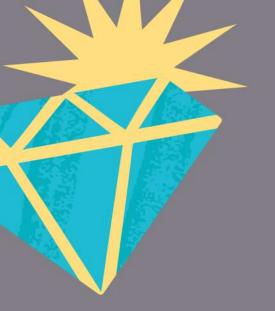
```
Outlet_Type, ROUND(SUM(Total_Sales), 2) AS total_sales
```

FROM

```
blinkit_data
```

GROUP BY Outlet_Type

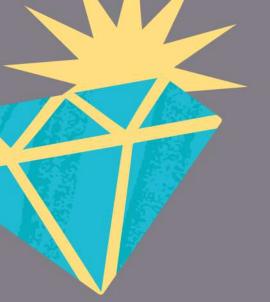
	Outlet_Type	total_sales
•	Supermarket Type 1	787549.89
	Supermarket Type3	130714.67
	Grocery Store	151939.15
	Supermarket Type2	131477.77



Average Sales broken down by different outlet types

```
SELECT
Outlet_Type, ROUND(AVG(Total_Sales), 2) AS avg_sales
FROM
blinkit_data
GROUP BY Outlet_Type
```

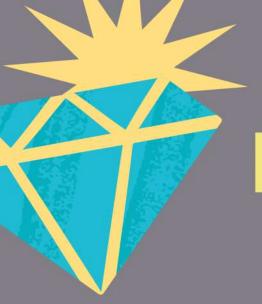
	Outlet_Type	avg_sales
•	Supermarket Type 1	141.21
	Supermarket Type3	139.8
	Grocery Store	140.29
	Supermarket Type2	141.68



Average Rating broken down by different outlet types

```
SELECT
Outlet_Type, ROUND(AVG(Rating), 2) AS avg_rating
FROM
blinkit_data
GROUP BY Outlet_Type
```

	Outlet_Type	avg_rating
•	Supermarket Type 1	3.95
	Supermarket Type3	3.95
	Grocery Store	3.98
	Supermarket Type2	3.95



Number of Items broken down by different outlet types

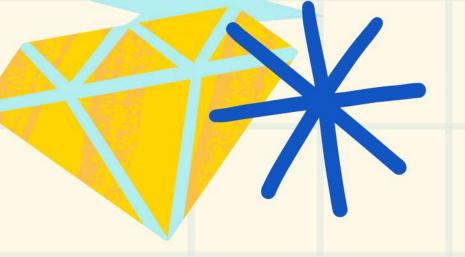
```
Outlet_Type, COUNT(Item_Identifier) AS NumberOfItems

FROM

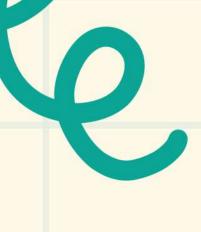
blinkit_data

GROUP BY Outlet_Type
```

	Outlet_Type	NumberOfItems
•	Supermarket Type 1	5577
	Supermarket Type3	935
	Grocery Store	1083
	Supermarket Type2	928



Insights & Observations



Low Fat items generated more total sales than Regular items, indicating a growing preference for healthier products.

Snack Foods and Fruits & Vegetables were among the top-selling item types.

Outlets in Tier 1 cities showed significantly higher sales than those in Tier 2 and Tier 3.

Medium-sized outlets contributed the highest percentage of total sales, followed by large outlets.

Outlets established after 2000 showed steady growth in performance, suggesting newer outlets are performing competitively.

The average rating across all products is around 4.0, reflecting overall customer satisfaction.







Business Recommendations





- Ol Increase inventory and promotional focus on Low Fat product lines, especially in Tier 1 locations.
- 2 Expand high-performing **item categories** like Snack Foods and Fruits & Vegetables in underperforming locations.
 - Invest in **medium-sized outlets** across emerging cities, as they show better return on sales performance.
- Improve product visibility and customer engagement in **Tier 2** and **Tier 3** cities using location-specific campaigns.
- Conduct further **product-level analysis** to identify low-rated items that may need quality or packaging improvement.

