To Find Total Sales:

SELECT CAST(SUM("Sales")/ 1000000 AS DECIMAL(10,2)) AS Total_Sales_Millions

FROM blinkit_data;

	total_sales_millions numeric (10,2)
1	1.20

To Find Average Sales:

SELECT CAST(AVG("Sales") AS DECIMAL (10,1)) AS Avg_Sales FROM blinkit_data;

	avg_sales numeric (10,1)
1	141.0

To Find Average Ratings

SELECT ROUND(AVG("Rating"),1) FROM blinkit_data;

	round numeric
1	4.0

GRANULAR REQUIREMENT:

Total sales by fat content

```
SELECT item_fat_content,
        ROUND(SUM("Sales"), 2) AS Sales,
        ROUND(AVG("Sales"), 2) AS Average_Sales,
        COUNT(*) AS No_of_itmes,
        ROUND(AVG("Rating"),1)
FROM blinkit_data
GROUP BY item_fat_content
ORDER BY Sales DESC;
```

	item_fat_content text	sales numeric	average_sales numeric	no_of_itmes bigint	round numeric
1	Low Fat	776319.69	140.71	5517	4.0
2	Regular	425361.80	141.50	3006	4.0

Total sales by item type

```
SELECT "Item_Type",
        ROUND(SUM("Sales"), 2) AS Sales,
        ROUND(AVG("Sales"), 2) AS Average_Sales,
        COUNT(*) AS No_of_itmes,
        ROUND(AVG("Rating"),1)
FROM blinkit_data
GROUP BY "Item_Type"
ORDER BY Sales DESC;
```

	Item_Type text	sales numeric	average_sales numeric	no_of_itmes bigint	round numeric
1	Fruits and Vegetables	178124.08	144.58	1232	4.0
2	Snack Foods	175433.92	146.19	1200	3.9
3	Household	135976.53	149.42	910	4.0
4	Frozen Foods	118558.88	138.50	856	4.0
5	Dairy	101276.46	148.50	682	4.0
6	Canned	90706.73	139.76	649	4.0
7	Baking Goods	81894.74	126.38	648	4.0
8	Health and Hygiene	68025.84	130.82	520	4.0
9	Meat	59449.86	139.88	425	4.0
10	Soft Drinks	58514.17	131.49	445	3.9
11	Breads	35379.12	140.95	251	3.9
12	Hard Drinks	29334.68	137.08	214	3.9
13	Others	22451.89	132.85	169	4.0
14	Starchy Foods	21880.03	147.84	148	3.9
15	Breakfast	15596.70	141.79	110	3.9
16	Seafood	9077.87	141.84	64	4.0

Fat content by outlet for total sales

```
SELECT
  "Outlet_Location_Type",
  ROUND(COALESCE(SUM(CASE
    WHEN LOWER("item_fat_content") IN ('low fat', 'lf') THEN "Sales"
```

```
  END), 0), 2) AS Low_Fat,

  ROUND(COALESCE(SUM(CASE
    WHEN LOWER("item_fat_content") IN ('regular', 'reg') THEN "Sales"
  END), 0), 2) AS Regular

FROM blinkit_data
GROUP BY "Outlet_Location_Type"
ORDER BY
  CASE
    WHEN "Outlet_Location_Type" = 'Tier 1' THEN 1
    WHEN "Outlet_Location_Type" = 'Tier 2' THEN 2
    WHEN "Outlet_Location_Type" = 'Tier 3' THEN 3
    ELSE 4
  END;
```

	Outlet_Location_Type text	low_fat numeric	regular numeric
1	Tier 1	215047.91	121349.90
2	Tier 2	254464.78	138685.87
3	Tier 3	306807.00	165326.04

Total sales by outlet establishment

```
SELECT "Outlet_Establishment_Year",
        ROUND(SUM("Sales"), 2) AS Total_Sales
FROM blinkit_data
GROUP BY  "Outlet_Establishment_Year"
ORDER BY "Outlet_Establishment_Year" ASC;
```

	Outlet_Establishment_Year integer	total_sales numeric
1	2011	78131.57
2	2012	130476.86
3	2014	131809.02
4	2015	130942.78
5	2016	132113.37
6	2017	133103.91
7	2018	204522.26
8	2020	129103.96
9	2022	131477.78

Percentage of sales by outlet type

```
SELECT
  "Outlet_Size",
  ROUND(SUM("Sales"), 2) AS Total_Sales,
  CAST(
    SUM("Sales") * 100.0 / SUM(SUM("Sales")) OVER ()
    AS DECIMAL(10,2)
  ) AS Sales_Percentage
FROM blinkit_data
GROUP BY "Outlet_Size"
ORDER BY Total_Sales DESC;
```

	Outlet_Size text	total_sales numeric	sales_percentage numeric (10,2)
1	Medium	507895.74	42.27
2	Small	444794.17	37.01
3	High	248991.59	20.72

Sales by outlet location

```
SELECT "Outlet_Location_Type",
        ROUND(SUM("Sales"), 2) AS Sales,
        ROUND(AVG("Sales"), 2) AS Average_Sales,
        COUNT(*) AS No_of_itmes,
        ROUND(AVG("Rating"),1)
```

```
FROM blinkit_data
GROUP BY  "Outlet_Location_Type"
ORDER BY Sales DESC;
```

	Outlet_Location_Type text	sales numeric	average_sales numeric	no_of_itmes bigint	round numeric
1	Tier 3	472133.03	140.94	3350	4.0
2	Tier 2	393150.65	141.17	2785	4.0
3	Tier 1	336397.81	140.87	2388	4.0

All metrics by outlet type

```
SELECT "Outlet_Type",
        ROUND(SUM("Sales"), 2) AS Sales,
        ROUND(AVG("Sales"), 2) AS Average_Sales,
        COUNT(*) AS No_of_itmes,
        ROUND(AVG("Rating"),1)
FROM blinkit_data
GROUP BY  "Outlet_Type"
ORDER BY Sales DESC;
```

	Outlet_Type text	sales numeric	average_sales numeric	no_of_itmes bigint	round numeric
1	Supermarket Type1	787549.89	141.21	5577	4.0
2	Grocery Store	151939.15	140.29	1083	4.0
3	Supermarket Type2	131477.78	141.68	928	4.0
4	Supermarket Type3	130714.67	139.80	935	4.0