**BLINKIT SALES SQL QUERIES**

1. **KPI’S**

**1.Total Sales:**

select sum(Sales) from blink;

**2.Total No of Items:**

select count(`Item Identifier`) from blink;

**3.Average Sales:**

select avg(Sales) from blink;

**4. Average Rating:**

select avg(Rating) from blink;

1. **OTHER PARAMETERS:**
2. **Total Sales by Outlet Location:**

select `Outlet Location Type`, sum(Sales) from blink group by `Outlet Location Type`;

1. **Total Sales By Outlet Size:**

select `Outlet Size`,sum(Sales) from blink group by `Outlet Size`;

1. **Total Sales By**

* **By Fat Content:**

select sum(Sales),`Item Fat Content` from blink group by `Item Fat Content`;

* **By Item Type**

select sum(Sales),`Item Type` from blink group by `Item Type`;

* **Of Fat Content By Outlet Location Type:**

SELECT

`Outlet Location Type`,

SUM(CASE WHEN `Item Fat Content` = 'Low Fat' THEN sales ELSE 0 END) AS low\_fat\_sales,

SUM(CASE WHEN `Item Fat Content`= 'Regular' THEN sales ELSE 0 END) AS regular\_sales

FROM blink GROUP BY`Outlet Location Type`;

1. **Average Sales By**

* **By Fat Content:**

select avg(Sales),`Item Fat Content` from blink group by `Item Fat Content`;

* **By Item Type**

select avg(Sales),`Item Type` from blink group by `Item Type`;

* **Of Fat Content By Outlet Location Type:**

SELECT

`Outlet Location Type`,

avg(CASE WHEN `Item Fat Content` = 'Low Fat' THEN sales ELSE 0 END) AS low\_fat\_sales,

avg(CASE WHEN `Item Fat Content`= 'Regular' THEN sales ELSE 0 END) AS regular\_sales

FROM blink GROUP BY`Outlet Location Type`;

1. **No of Items By**

* **By Fat Content:**

select count(`Item Identifier`),`Item Fat Content` from blink group by `Item Fat Content`;

* **By Item Type**

select count(`Item Identifier`),`Item Type` from blink group by `Item Type`;

* **Of Fat Content By Outlet Location Type:**

SELECT

`Outlet Location Type`,

SUM(CASE WHEN `Item Fat Content` = 'Low Fat' THEN 1 ELSE 0 END) AS low\_fat\_count,

SUM(CASE WHEN `Item Fat Content` = 'Regular' THEN 1 ELSE 0 END) AS regular\_count

FROM

blink

GROUP BY

`Outlet Location Type`;

1. **Average Rating By**

* **By Fat Content:**

select avg(Rating),`Item Fat Content` from blink group by `Item Fat Content`;

* **By Item Type**

select avg(Rating),`Item Type` from blink group by `Item Type`;

* **Of Fat Content By Outlet Location Type:**

SELECT

`Outlet Location Type`,

AVG(CASE WHEN `Item Fat Content` = 'Low Fat' THEN Rating ELSE NULL END) AS avg\_rating\_low\_fat,

AVG(CASE WHEN `Item Fat Content` = 'Regular' THEN Rating ELSE NULL END) AS avg\_rating\_regular

FROM

blink

GROUP BY

`Outlet Location Type`;