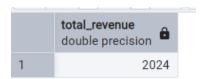
# **IceCream SALES SQL QUERIES**

# A. KPI-

#### 1. Total Revenue-

Select Round(sum(price)) As Total\_Revenue from Icecream\_sales



#### 2. Average Price per Order-

Select cast(avg(price) AS DECIMAL(10,2)) as Average\_price\_per\_order from Icecream\_sales



#### 3. Total IceCream Sold-

Select sum(quantity) As Total\_IceCream\_Sold from Icecream\_sales



#### 4. Total Weight of Orders-

Select sum(weight) as Total\_Weight\_of\_Orders from Icecream\_sales



## **B. Chart Requirement-**

#### 1. Sales by Region-

SELECT
Region,
SUM(quantity \* Price) AS Total\_Sales,
CAST((SUM(quantity \* Price) / (SELECT SUM(quantity \* Price) FROM Icecream\_sales) \*
100) AS DECIMAL(10,2)) AS Percent\_Sales
FROM
Icecream\_sales
GROUP BY
Region;

	region character varying (50)	total_sales double precision	percent_sales numeric (10,2)
1	South	447.7	21.78
2	West	256.75	12.49
3	North	399.25	19.42
4	East	494.65	24.06
5	Northeast	457.25	22.24

#### 2. Product Performance by Flavor types-

SELECT Flavors\_Types, SUM(quantity) AS QuantityByFlavorType FROM Icecream\_sales GROUP BY Flavors\_Types;

	flavors_types character varying (100)	quantitybyflavortype bigint
1	Nutty Flavors	8
2	Hybrid / Novelty Flavors	8
3	Fruity Flavors	13
4	Candy-Inspired Flavors	7
5	Cheesecake-Based Flavors	6
6	Seasonal & Festive Flavors	7

#### 3. Monthly Trend for Total Orders-

Select TO\_CHAR(order\_date, 'Month') As order\_Month, count(distinct(order\_id)) As Total\_orders from Icecream\_sales group by TO\_CHAR(order\_date, 'Month') order by total\_orders desc

	order_month text	total_orders bigint
1	June	16
2	August	12
3	May	8
4	January	6
5	December	5
6	April	4

#### 4. Daily Trend for Total Orders-

Select TO\_CHAR(order\_date, 'Day') As order\_Day, count(distinct(order\_id)) As Total\_orders from Icecream\_sales group by TO\_CHAR(order\_date, 'Day')

	order_day text	total_orders bigint
1	Friday	1
2	Monday	17
3	Saturday	5
4	Sunday	1
5	Thursday	28
6	Tuesday	2
7	Wednesday	1

#### 5. Top 5 sales by city-

Select sum(price \* quantity) As Total\_Sales, city from Icecream\_sales group by city order by 1 desc limit 5

	total_sales double precision	city character varying (50)
1	159.7	Shillong
2	119.5	Guwahati
3	118.5	Imphal
4	112.75	Agra
5	105.75	Bhubaneswar

## 6. Bottom 5 sales by city-

Select sum(price \* quantity) As Total\_Sales, city from Icecream\_sales group by city order by 1 Asc limit 5

	total_sales double precision	city character varying (50)
1	12.5	Surat
2	13.25	New Delhi
3	14.75	Agartala
4	16.5	Visakhapatnam
5	17.5	Ahmedabad

#### 7. Top 5 Best Flavors\_Types by Total revenue-

Select Flavors\_Types, sum(price) As Total\_Revenue from Icecream\_sales group by Flavors\_Types order by 2 desc limit 5

	flavors_types character varying (100)	total_revenue double precision
1	Fruity Flavors	197.5
2	Specialty Flavors	160.75
3	Classic Flavors	159
4	Dairy-Free / Vegan Flavors	147.5
5	Nutty Flavors	147.25

#### 8. Bottom 5 Best Flavors\_Types by Total revenue-

Select Flavors\_Types, sum(price) As Total\_Revenue from Icecream\_sales group by Flavors\_Types order by 2 ASC limit 5

	flavors_types character varying (100)	total_revenue double precision
1	Cheesecake-Based Flavors	99.25
2	Caramel & Toffee Flavors	99.7
3	Alcohol-Infused Flavors	112.5
4	Swirl & Ribbon Flavors	114
5	Cookie and Biscuit-Inspired Flavors	119.7

## 9. Percentage of sales by Flavors Types for particular month-

Select Flavors\_Types, CAST((sum(price)/(Select sum(price)from Icecream\_sales where EXTRACT(MONTH FROM Order\_date)=1))\*100 As DECIMAL(10,2)) As sales\_percentage from Icecream\_sales where EXTRACT(MONTH FROM Order\_date)=1 group by Flavors\_Types

	flavors_types character varying (100)	sales_percentage numeric (10,2)
1	Candy-Inspired Flavors	39.31
2	Classic Flavors	60.69