Zepto Data Analysis – SQL Query Results

Data Exploration

--different product categories

select distinct category from

zepto order by category;

	category character varying (200) 🔒
1	Beverages
2	Biscuits
3	Chocolates & Candies
4	Cooking Essentials
5	Dairy, Bread & Batter
6	Fruits & Vegetables
7	Health & Hygiene
8	Home & Cleaning
9	Ice Cream & Desserts
10	Meats, Fish & Eggs
11	Munchies
12	Paan Corner
13	Packaged Food
14	Personal Care

--products in stock vs out of stock

select outOfStock, count (sku_id)

from zepto

group by outOfStock;

	outofstock boolean 🔒	count bigint 🔒
1	false	3279
2	true	453

--product names present multiple times

select name, count (sku_id)

as "Number of SKUs"

from zepto

group by name

having count(sku_id)>1

order by count(sku_id) desc;

	name character varying (200)	Number of SKUs bigint
1	Sunfeast Yippee! Pasta Treat - Sour Cream Onion	10
2	Arden Eggs White	10
3	Quaker Oats	10
4	Saffola Veggie Twist Masala Oats	10
5	Amul Delicious Fat Spread - Cholesterol Free	10
6	Mother's Recipe Tamarind Paste	10
7	Kellogg's Real Almond & Honey Corn Flakes	9

Total rows: 1214   Query complete 00:00:00.370

Business Questions

Ques1. Find the top 10 best-value products based on the discount percentage.

select distinct name, mrp,

discountPercent from zepto

order by discountPercent desc

limit 10;

	name character varying (200)	mrp numeric (8,2)	discountpercent numeric (5,2)
1	Dukes Waffy Orange Wafers	4500.00	51.00
2	Dukes Waffy Strawberry Wafers	4500.00	51.00
3	Dukes Waffy Chocolate Wafers	4500.00	51.00
4	Epigamia Fruit Yogurt Alphonso Mango	4000.00	50.00
5	Epigamia Fruit Yogurt Vanilla	4000.00	50.00
6	Chef's Basket Durum Wheat Elbow Pasta	16000.00	50.00
7	Chef's Basket Durum Wheat Penne Pasta	16000.00	50.00

Total rows: 10   Query complete 00:00:00.176

Ques2.What are the Products with High MRP but Out of Stock

select distinct name, mrp

from zepto

where outOfstock = true

and

mrp>300

order by mrp desc;

	name character varying (200) 🔒	mrp numeric (8,2) 🔒
1	Patanjali Cow's Ghee	56500.00
2	MamyPoko Pants Standard Diapers, Extra Large (12 - 17 kg)	39900.00
3	Aashirvaad Atta With Mutigrains	31500.00
4	Everest Kashmiri Lal Chilli Powder	31000.00
5	Hershey's Cocoa + Almond Spread	29500.00
6	Madhur Pure And Hygienic Sugar	29500.00
7	RRO Mozzarella Block Cheese	29500.00

Total rows: 216   Query complete 00:00:00.183

Ques3.Calculate Estimated Revenue for each category

select category,

sum(discountedSellingPrice * availableQuantity) as total_revenue from zepto

group by category

order by total_revenue;

	category character varying (200) 🔒	total_revenue numeric 🔒
1	Fruits & Vegetables	1084600.00
2	Meats, Fish & Eggs	2069300.00
3	Biscuits	2500760.00
4	Beverages	5505100.00
5	Dairy, Bread & Batter	5505100.00
6	Health & Hygiene	6418000.00
7	Home & Cleaning	12266100.00

Total rows: 14   Query complete 00:00:00.159

Ques4. Find all products where MRP is greater than 500 and discount is less than 10%.

select distinct name, mrp, discountPercent

from zepto

where mrp>500 and

discountPercent<10

order by mrp desc, discountPercent desc;

	name character varying (200)	mrp numeric (8,2)	discountpercent numeric (5,2)
1	Dhara Kachi Ghani Mustard Oil Jar	125000.00	8.00
2	Saffola Gold (Jar)	124000.00	0.00
3	Fortune Rice Bran Health Oil (Jar)	105000.00	1.00
4	Dhara Filtered Groundnut Oil (Jar)	105000.00	1.00
5	Dhara Filtered Groundnut Oil (Jar)	105000.00	0.00
6	Fortune Soyabean Oil	100500.00	0.00
7	Fortune Sunlite Refined Sunflower (Jar)	92500.00	0.00

Total rows: 1142   Query complete 00:00:00.417

Ques5. Identify the top 5 categories offering the highest average discount percentage.

select category,

round(avg(discountPercent),2)

as avg_discount

from zepto

group by category

order by avg_discount desc

limit 5;

	category character varying (200)	avg_discount numeric
1	Fruits & Vegetables	15.46
2	Meats, Fish & Eggs	11.03
3	Ice Cream & Desserts	8.32
4	Chocolates & Candies	8.32
5	Packaged Food	8.32

Ques6. Find the price per gram for products above 100g and sort by best value.

select distinct name,weightIngms,

discountedSellingPrice,

round (discountedSellingPrice/weightIngms,2)

as price_per_gram

from zepto

where weightInGms >=100

order by price_per_gram;

	name character varying (200)	weightingms integer	discountedsellingprice numeric (8,2)	price_per_gram numeric
1	Vicks Cough Drops Menthol	1160	2000.00	1.72
2	Aashirvaad Iodised Salt	1000	1900.00	1.90
3	Onion	3000	5700.00	1.90
4	Onion	1000	2100.00	2.10
5	Tata Salt	1000	2400.00	2.40
6	Shubh kart - Nirmal sugandhi mogra wet dhoop zipper 20 sticks	1160	2800.00	2.41
7	Beetroot	500	1300.00	2.60

Total rows: 1395   Query complete 00:00:00.391

Ques7.Group the products into categories like Low, Medium ,Bulk

select distinct name, weightInGms,

case when weightInGms < 1000 then 'Low'

when weightInGms < 5000 then 'Medium'

else 'Bulk'

end as weight_category

from zepto;

	name character varying (200)	weightingms integer	weight_category text
1	Popular Essentials Poppy Seeds (Gasagase)	100	Low
2	Origami Kitchen Towels 2 In 1 Quilted 2ply	116	Low
3	Origami Good Karma Paper Serviettes - 100 napkins (1 ply)	58	Low
4	Johnson's Baby Top To Toe Bath Body Wash	210	Low
5	Harpic Hygienic Toilet Cleaner Rim Block Citrus	26	Low
6	Lizol Disinfectant Surface & Floor Cleaner Liquid Jasmine	500	Low
7	Sapota	348	Low

Total rows: 1783   Query complete 00:00:00.363

Ques8.What is the Total Inventory Weight Per Category

select category,

sum(weightInGms * availableQuantity)

as total_weight

from zepto

group by category

order by total_weight;

	category character varying (200) 🔒	total_weight bigint 🔒
1	Meats, Fish & Eggs	48016
2	Biscuits	84431
3	Fruits & Vegetables	91794
4	Health & Hygiene	142904
5	Dairy, Bread & Batter	143735
6	Beverages	143735
7	Paan Corner	348187

Total rows: 14   Query complete 00:00:00.175