

Zepto Data Analyst project

```
84  -- data Analysis
85  Select * from zepto;
86  -- find top 10 best value products based on discount percent?
87  Select name,mrp,discountpercent
88  from zepto
89  order by discountpercent desc
90  limit 10
91
92
93
94
95
```

Data Output Messages Notifications

	name character varying (150)	mrp numeric (8,2)	discountpercent numeric (5,2)
1	Dukes Waffy Chocolate Wafers	45.00	51.00
2	Dukes Waffy Orange Wafers	45.00	51.00
3	Dukes Waffy Strawberry Wafers	45.00	51.00
4	Chef's Basket Durum Wheat Penne Pasta	160.00	50.00
5	Chef's Basket Durum Wheat Fusilli Pasta	160.00	50.00
6	Ceres Foods Fish Mustard Instant Liquid M...	220.00	50.00
7	Chef's Basket Durum Wheat Elbow Pasta	160.00	50.00
8	Ceres Foods Laal Maas Instant Liquid Mas...	220.00	50.00
9	Chef's Basket Durum Wheat Elbow Pasta	160.00	50.00

```
92  -- what are the products with high mrp but out of stock
93  Select distinct name ,mrp
94  from zepto
95  where outofstock=true and mrp>300
96  order by mrp desc
```

Data Output Messages Notifications

	name character varying (150)	mrp numeric (8,2)
	Patanjali Cow's Ghee	565.00
	MamyPoko Pants Standard Diapers, Extra Large (12 - 17 ...	399.00
	Aashirvaad Atta With Mutigrains	315.00
	Everest Kashmiri Lal Chilli Powder	310.00

```
98 -- Calculate estimate revenue for each category
99 Select distinct category,
100 sum(discountedSellingprice *availablequantity) as revenue
101 from zepto
102 group by category
103 order by revenue desc
104
105
106
107
108
```

Data Output Messages Notifications



	category	revenue
0	Ice Cream & Desserts	224385.00
7	Packaged Food	224385.00
8	Home & Cleaning	122661.00
9	Health & Hygiene	64180.00
10	Beverages	55051.00
11	Dairy, Bread & Batter	55051.00
12	Biscuits	25007.60
13	Meats, Fish & Eggs	20693.00
14	Fruits & Vegetables	10846.00

```
-- find all products where mrp is greater than 500 and discount is less than 10%
Select name,mrp,discountpercent
from zepto
where mrp>500 and discountpercent<10
order by mrp desc
```

Input Messages Notifications

The screenshot shows a table with three columns: name, mrp, and discountpercent. The 'name' column contains various oil products like Dhara Kachi Ghani Mustard Oil Jar, Saffola Gold (Jar), and Fortune Rice Bran Health Oil (Jar). The 'mrp' column shows prices ranging from 1050.00 to 1250.00. The 'discountpercent' column shows discounts ranging from 0.00 to 8.00. The table has 10 rows.

name	mrp	discountpercent
Dhara Kachi Ghani Mustard Oil Jar	1250.00	8.00
Dhara Kachi Ghani Mustard Oil Jar	1250.00	8.00
Saffola Gold (Jar)	1240.00	0.00
Saffola Gold (Jar)	1240.00	0.00
Dhara Filtered Groundnut Oil (Jar)	1050.00	0.00
Fortune Rice Bran Health Oil (Jar)	1050.00	1.00
Dhara Filtered Groundnut Oil (Jar)	1050.00	1.00
Dhara Filtered Groundnut Oil (Jar)	1050.00	0.00
Dhara Filtered Groundnut Oil (Jar)	1050.00	0.00

```
118
119 -- Identify the top 5 categories offering the highest average discount percentage
120 Select category, Round(avg(discountpercent),2) as average
121 from zepto
122 group by category
123 order by average desc
124 limit 5;
```

Data Output Messages Notifications

The screenshot shows a table with two columns: category and average. The 'category' column lists food categories like Fruits & Vegetables, Meats, Fish & Eggs, Ice Cream & Desserts, Chocolates & Candies, and Packaged Food. The 'average' column shows the average discount percentage for each category. The table has 5 rows.

	category	average
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

```

L19  -- Find the price per gram for products above 100g and sort by best value
L20  with my_cte as(
L21    Select name ,discountedsellingprice, weightingms,
L22      Round(case when weightingms>100 then discountedsellingprice/weightingms else 0 end,2) as price
L23    from zepto
L24  )
L25
L26  Select Distinct name,price
L27    from my_cte
L28    where price<>0
L29    order by price asc;
L30

```

Data Output Messages Notifications

The screenshot shows a database interface with a toolbar at the top containing icons for file operations, a search bar, and a SQL button. Below the toolbar is a table with two columns: 'name' and 'price'. The table contains 10 rows of data, each representing a different product with its name and corresponding price.

	name character varying (150)	price numeric
	Aashirvaad Iodised Salt	0.02
	Vicks Cough Drops Menthol	0.02
	Onion	0.02
	Shubh kart - Nirmal sugandhi mogra wet dhoop zipper 20 sticks	0.02
	Tata Salt	0.02
	Shubh kart - Tejas Twisted Cotton Wicks 1000n	0.03
	Baby Potato	0.03
	Raw Banana	0.03

Showing rows: 1 to 1000

```

131  -- Group the categories into low,medium and bulk
132  Select distinct name,weightingms,
133  case when weightingms<1000 then 'Low'
134  when weightingms<5000 then 'Medium'
135  else 'Bulk'
136  end as weight_category
137  from zepto;
138

```

Data Output Messages Notifications

The screenshot shows a database interface with a toolbar at the top containing icons for file operations, a search bar, and a SQL button. Below the toolbar is a table with three columns: 'name', 'weightingms', and 'weight_category'. The table contains 9 rows of data, each representing a product with its name, weight in grams, and assigned category (Low, Medium, or Bulk).

	name character varying (150)	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
8	Britannia Treart Creme Wafers Chocolate	60	Low
9	Popular Essentials Dhania (Coriander Seeds)	200	Low

Showing rows: 1 to 1000

```
139 -- what is the total inventory weight per category
140 Select category,
141 sum(weightingms*availableQuantity) as total_weight
142 from zepto
143 group by category
144 order by total_weight desc;
145
146
147
148
149
150
```

Data Output Messages Notifications

The screenshot shows a database interface with a toolbar at the top containing various icons for file operations and SQL execution. Below the toolbar is a table with two columns: 'category' and 'total_weight'. The 'category' column contains categorical names, and the 'total_weight' column contains their respective numerical values.

	category character varying (120)	total_weight bigint
1	Munchies	1404654
2	Cooking Essentials	1404654
3	Packaged Food	490797
4	Ice Cream & Desserts	490797
5	Chocolates & Candies	490797
6	Home & Cleaning	373161
7	Personal Care	348187
8	Paan Corner	348187
9	Beverages	143735