

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
	character varying (120)	numeric
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
```

Output Messages Notifications

name	mrp	discountpercent
character varying (150)	numeric (8,2)	numeric (5,2)
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	1.00

```
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;
125
126
127
128
129
```

Data Output Messages Notifications

category	average
character varying (120)	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

```

118
119 -- Find the price per gram for products above 100g and sort by best value
120 with my_cte as(
121   Select name ,discountedsellingprice, weightingms,
122   Round(case when weightingms>100 then discountedsellingprice/weightingms else 0 end,2) as price
123   from zepto
124 )
125
126 Select Distinct name,price
127 from my_cte
128 where price<>0
129 order by price asc;
130

```

Data Output Messages Notifications

Showing rows: 1 to 1000	
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

```

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

Showing rows: 1 to 1000			
	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

```

139 -- what is the total inventory weight per category
140 Select category,
141 sum(weightings*availableQuantity) as total_weight
142 from zepto
143 group by category
144 order by total_weight desc;
145
146
147
148
149
150
151

```

Data Output Messages Notifications

	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