

Zepto Sales Project (SQL)



Basic Data exploration

- count of rows

```
select count(*) from zepto;
```

- sample data

```
SELECT * FROM zepto  
LIMIT 10;
```

- retrieve distinct category

```
SELECT DISTINCT category  
FROM zepto  
ORDER BY category;
```



- products in stock vs out of stock

```
select outofstock, count(outofstock)  
from zepto  
Group by outofstock;
```

- product names present multiple times

```
select name, count(outofstock) as avl_qty  
from zepto  
Group by name  
having count(outofstock)>1  
order by avl_qty DESC ;
```



Data Cleaning

- products with price = 0

```
SELECT * FROM zepto  
WHERE mrp = 0 OR discountedSellingPrice = 0;
```

```
DELETE FROM zepto  
WHERE mrp = 0;
```

- convert paise to rupees

```
UPDATE zepto  
SET mrp = mrp / 100.0,  
discountedSellingPrice = discountedSellingPrice / 100.0;
```



Data analysis

Q1. 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;
```

Q2.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;
```



Q3. Calculate Estimated Revenue for each category.

```
select category, sum(availablequantity*discountedSellingPrice) as revenue  
from zepto  
group by category  
order by revenue desc;
```

Q4. 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;
```



Q5. 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;
```

Q6. 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;
```

Q7. Group the products into categories like Low, Medium, Bulk.

```
select distinct name, weightingsms,  
case when weightingsms<1000 then 'Low'  
      when weightingsms<5000 then 'Medium'  
      else 'Bulk'  
      End as weight_category  
from zepto;
```

Q8. What is the Total Inventory Weight Per Category.

```
select category, sum(weightingsms*availablequantity) as weight  
from zepto  
group by category  
order by weight;
```





Thank You!

amaan_analytics

