



**PRESENTED BY**  
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***Analyzing sales data by performing  
different queries in sql.***



## History of amazon

**Amazon is an American multinational technology company which focuses on e-commerce, cloud computing, and digital streaming. It has been referred to as "one of the most influential economic and cultural forces in the world", and is one of the world's most valuable brands.**

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# **OUR COMPANY MISSION AND VISION**



**Amazon's mission statement is “to be Earth's most customer-centric company.”**



**The company's vision statement is “to be earth's most customer-centric company”**

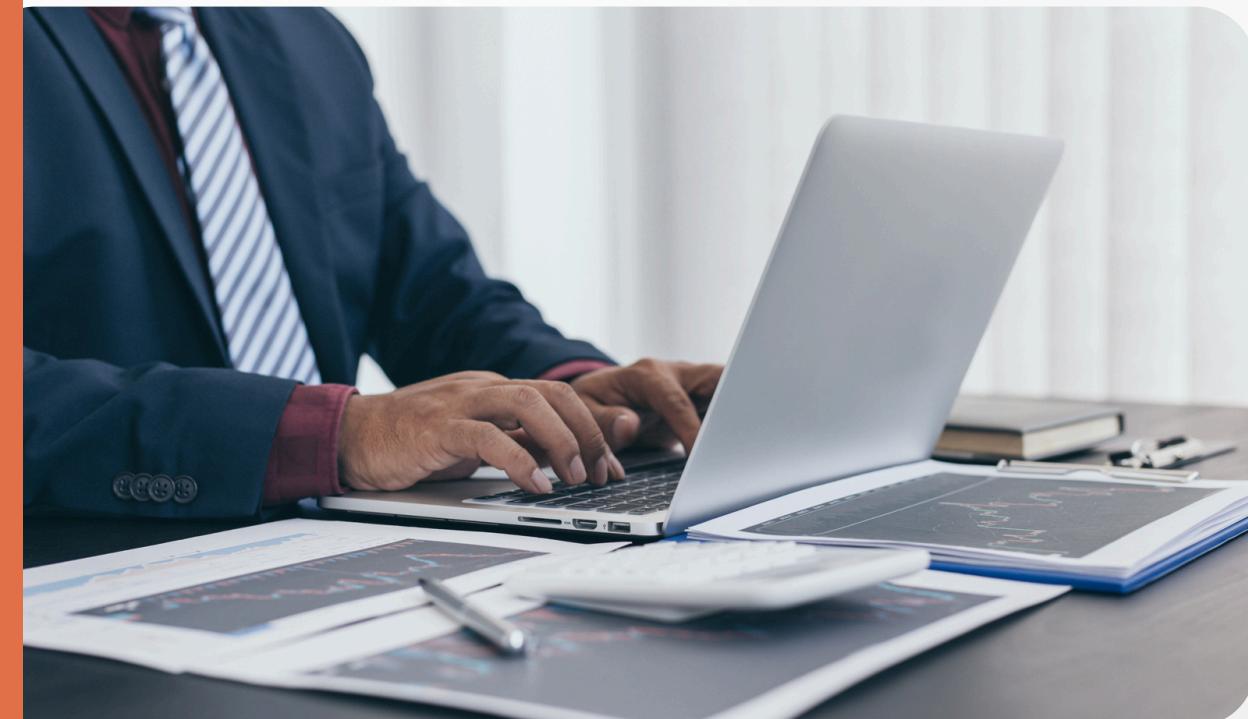
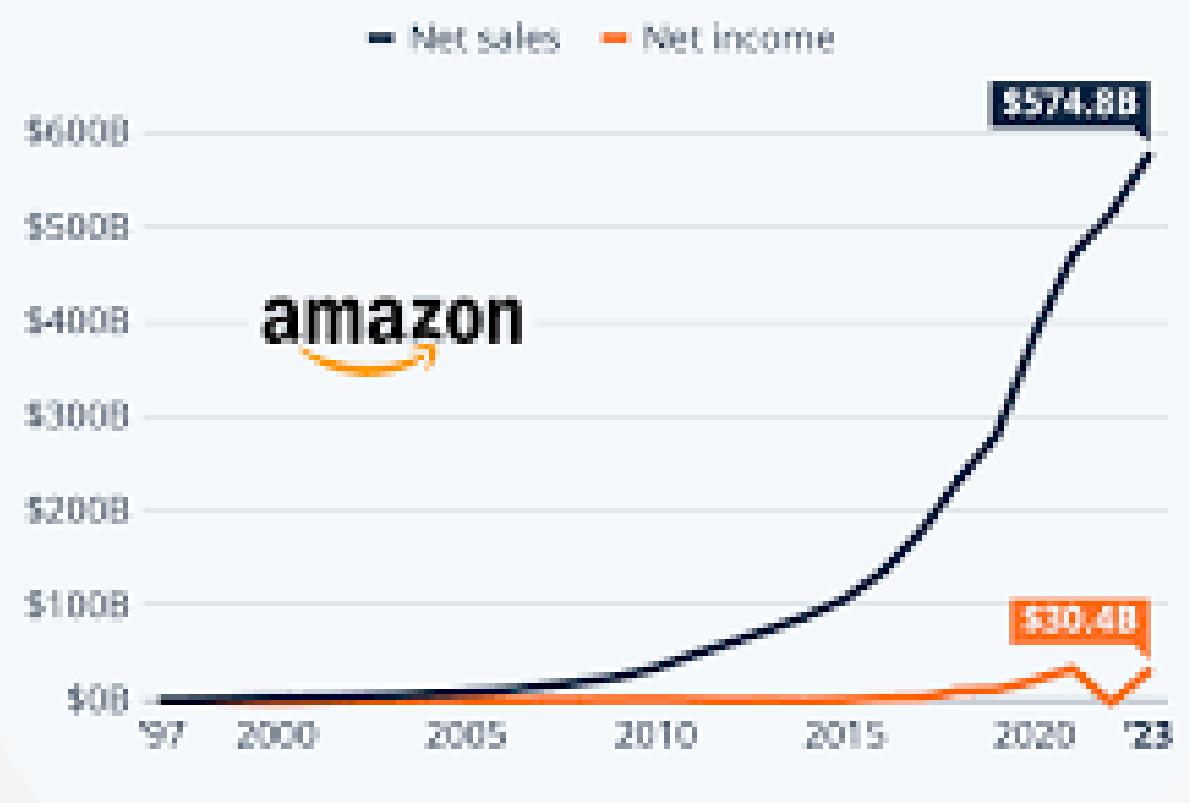


# **OUR COMPANY VALUES**

**Amazon has a market cap of ₹166.789 Trillion. This makes Amazon the world's 5th most valuable company by market cap according to our data.**

## **Amazon at 30: All Grown Up**

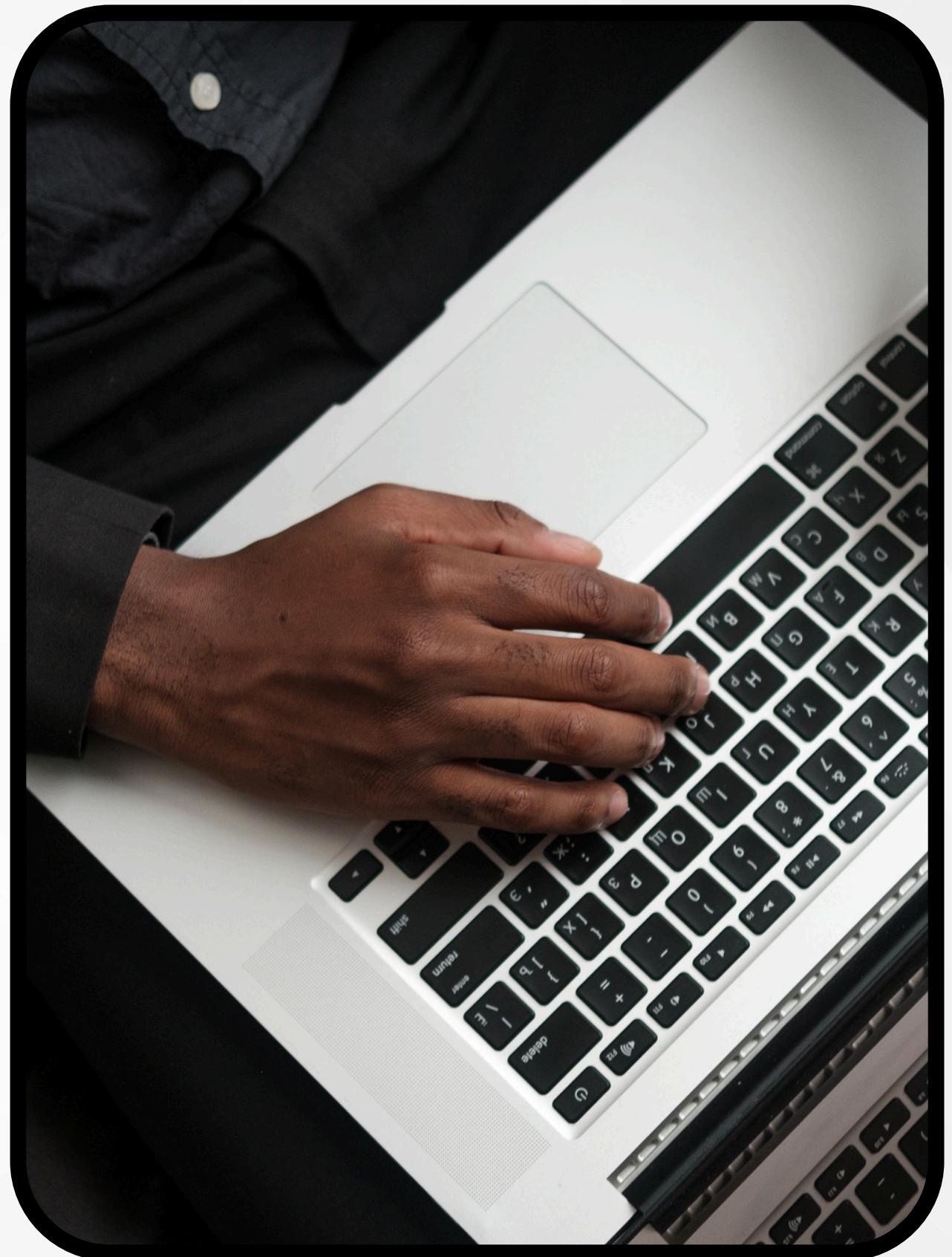
Amazon's net sales and net income from 1997 to 2023



## **WHY WE ARE BEST ?**

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**Amazon is one of the most affordable places to shop online. It offers free shipping on most items, and its prices are often lower than those of its competitors. Amazon also offers a variety of discounts and sales promotions, which makes it a great place to find bargains.**



**WE PROVIDE  
WORLDWIDE  
SERVICES**

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# **Assignment Instructions:**

## **Write queries for the following questions:**

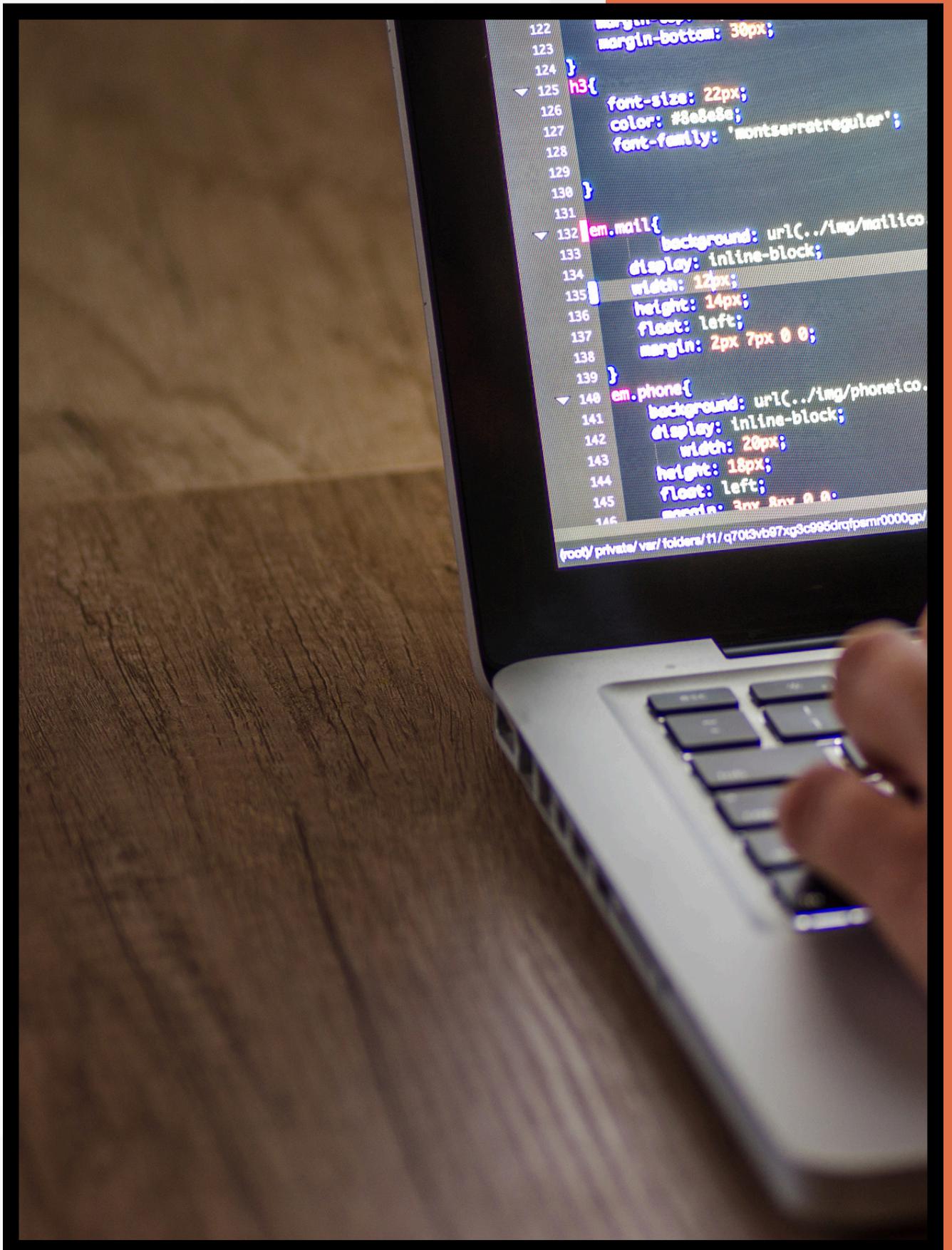


- **List all products with a discounted price below ₹500.**
- **Find products with a discount percentage of 50% or more.**
- **Retrieve all products where the name contains the word "Cable."**
- **Display the difference between the average of the actual price and the discounted price for each product.**
- **Query reviews that mention "fast charging" in their content.**
- **Identify products with a discount percentage between 20% and 40%.**
- **Find products that have an actual price above ₹1,000 and are rated 4 stars or above.**
- **Find products where the discounted price ends with a 9**
- **Display review contents that contains words like worst, waste, poor, or not good.**
- **List all products where the category includes "Accessories."**

# 1. LIST ALL PRODUCTS WITH A DISCOUNTED PRICE BELOW ₹500.

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```
1 • SELECT  
2     product_id, product_name, dicount_percentage  
3 FROM  
4     mytable  
5 WHERE  
6     discount_percentage >= 0.50;
```



## 2.FIND PRODUCTS WITH A DISCOUNT PERCENTAGE OF 50% OR MORE.

```
1 •   SELECT  
2       product_id, product_name, dicount_percentage  
3   FROM  
4       mytable  
5   WHERE  
6       discount_percentage >= 0.50;
```

## 3.RETRIEVE ALL PRODUCTS WHERE THE NAME CONTAINS THE WORD "CABLE."

```
1 •   SELECT  
2       product_id, product_name  
3   FROM  
4       mytable  
5   WHERE  
6       product_name LIKE '%cable%';
```



#### 4.DISPLAY THE DIFFERENCE BETWEEN THE AVERAGE OF THE ACTUAL PRICE AND THE DISCOUNTED PRICE FOR EACH PRODUCT.



```
SELECT  
    category, avg(actual price)-avg(discounted price)  
FROM  
    mytable  
group by  
    category;
```

## 5.QUERY REVIEWS THAT MENTION "FAST CHARGING" IN THEIR CONTENT.

```
1 •   SELECT  
2       product_id, review_content  
3   FROM  
4       mytable  
5 WHERE  
6       review_content LIKE '%fast charging%';
```

## 6.IDENTIFY PRODUCTS WITH A DISCOUNT PERCENTAGE BETWEEN 20% AND 40%.

```
1 •   SELECT  
2       product_id, product_name, discount_percentage  
3   FROM  
4       mytable  
5 WHERE  
6       discount_percentage BETWEEN 0.20 AND 0.40;
```

## 7.FIND PRODUCTS THAT HAVE AN ACTUAL PRICE ABOVE ₹1,000 AND ARE RATED 4 STARS OR ABOVE.

```
1 •   SELECT
2       product_id, product_name, actual_price, rating
3   FROM
4       mytable
5   WHERE
6       actual_price > 1000 AND rating >= 4;
```

## 8.FIND PRODUCTS WHERE THE DISCOUNTED PRICE ENDS WITH A 9

```
1 •   SELECT
2       product_id, product_name, discounted_price
3   FROM
4       mytable
5   WHERE
6       discounted_price LIKE '%9';
```

## 9.DISPLAY REVIEW CONTENTS THAT CONTAINS WORDS LIKE WORST, WASTE, POOR, OR NOT GOOD.

```
1 •   SELECT
2       product_id, product_name, review_content
3   FROM
4       mytable
5 WHERE
6       review_content LIKE '%worst%'
7       OR review_content LIKE '%waste%'
8       OR review_content LIKE '%poor%'
9       OR review_content LIKE '%not good%';
```

# LIST ALL PRODUCTS WHERE THE CATEGORY INCLUDES "ACCESSORIES.

```
1 • avg(actual_price)-avg(discounted_price) from mytable group by category;
```

category	avg(actual_price)-avg(discounted_price)
Computers&Accessories Accessories&Peripheral...	545.2991416309011
Computers&Accessories NetworkingDevices Ne...	666.333333333333
Electronics HomeTheater,TV&Video Accessories...	768.958333333333



# THANK YOU



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