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Amazon SQL Project

It is about putting effort
and ideas into action.

Company Information



Amazon



Company Name:

Amazon

Date of Incorporation:

July 5, 1994

Business:

E-commerce,
Cloud Computing (Amazon Web
Services),
Digital Streaming,
Artificial Intelligence

Share Listing:

The company's stock has been
listed on the NASDAQ stock
exchange since May 15, 1997.

Authorized Capital:

Authorized capital varies but
involves tens of billions of shares
with no specific limit, dependent on
market capital.

Paid-Up Capital:

As of the most recent filings,
Amazon's paid-up capital is based
on common stock, with hundreds
of millions of shares outstanding.

List all products with a discounted price below ₹500.

Query

```
SELECT
  product_name,
  actual_price,
  discounted_price
FROM
  mytable
WHERE
  discounted_price < 500;
```

Result

	* product_name varchar(1024)	actual_price numeric(10,2)	discounted_price numeric(10,2)
	Filter	Filter	Filter
>	Wayona Nylon Braided USB	1099.00	399.00
>	Ambrane Unbreakable 60W	349.00	199.00
>	Sounce Fast Phone Charging	1899.00	199.00
>	boAt Deuce USB 300 2 in 1	699.00	329.00
>	Portronics Konnect L 1.2M F	399.00	154.00
>	pTron Solero TB301 3A Type	1000.00	149.00
>	boAt Micro USB 55 Tangle-f	499.00	176.63

Find products with a discount percentage of 50% or more.

Query

```
SELECT
  product_name,
  actual_price,
  discounted_price,
  discount_percentage
FROM
  mytable
WHERE
  discount_percentage >= 0.50;
```

Result

	* product_name varchar(1024)	actual_price numeric(10,2)	discounted_price numeric(10,2)
	Filter	Filter	Filter
>	Wayona Nylon Braided USB	1099.00	399.00
>	Ambrane Unbreakable 60W	349.00	199.00
>	Sounce Fast Phone Charging	1899.00	199.00
>	boAt Deuce USB 300 2 in 1	699.00	329.00
>	Portronics Konnect L 1.2M F	399.00	154.00
>	pTron Solero TB301 3A Type	1000.00	149.00
>	boAt Micro USB 55 Tangle-f	499.00	176.63

Retrieve all products where the name contains the word "Cable."

Query

```
SELECT  
    product_name  
FROM  
    mytable  
WHERE  
    product_name LIKE '%cable%';
```

Result

```
ool Unbreakable 3 in 1 Charging Cable with 3A Speed, Fast Charging Multi Purpose Cable 1.25 Mtr Long, Type C cable, Micro Usb Cable and Cable for iPh  
ter 65W compatible for OnePlus Dash Warp Charge Cable , type c to c cable fast charging Data Sync Cable Compatible with One Plus 10R / 9RT/ 9 pro/ 9F  
ter USB 3.0 A to Micro B SuperSpeed for hard disk cable - short cable  
ter 5 pin mini usb cable, usb b cable,camera cable usb2.0 for External HDDS/Card Readers/Camera etc.  
ONICS HAA2021 HDMI version 2.1 cable with 8K @ 60Hz, 4K @ 120Hz, eARC & CEC support, 3D compatible, 2 meters length, 48Gbps max and Gold-pla  
(Beetel USB to Type C PVC Data Sync & 15W(3A) TPE Fast Charging Cable, Made in India, 480Mbps Data Sync, 1 Meter Long cable for all Andriod & all Ty  
(Beetel Flow USB to Micro USB PVC Data Sync & 12W(2.4A) Fast Charging Cable,Made in India,480Mbps Data Sync,Solid Cable,1 Meter Long cable for all
```

Display the difference between the average of the actual price and the discounted price for each product.

Query

```
SELECT
    product_name,
    actual_price,
    discounted_price,
    (actual_price - discounted_price)
    AS price_difference
FROM
    mytable;
```

Result

	* product_name varchar(1024)	actual_price numeric(10,2)	discounted_price numeric(10,2)	price_difference
	Filter	Filter	Filter	Filter
>	Wayona Nylon Braided USB	1099.00	399.00	700.00
>	Ambrane Unbreakable 60W	349.00	199.00	150.00
>	Sounce Fast Phone Charging	1899.00	199.00	1700.00
>	boAt Deuce USB 300 2 in 1	699.00	329.00	370.00
>	Portronics Konnect L 1.2M F	399.00	154.00	245.00
>	pTron Solero TB301 3A Type	1000.00	149.00	851.00
>	boAt Micro USB 55 Tangle-f	499.00	176.63	322.37

Query reviews that mention "fast charging" in their content.

Query

```
SELECT
  product_name,
  review_content
FROM
  mytable
WHERE
  review_content LIKE '%fast charging%';
```

Result

review_content	
text	
Filter	
50W	I ordered this cable to connect my phone to Android Auto of car. The cable is really strong and the connection
in 1	Good product,long wire,Charges good,Nice,I bought this cable for Rs.339 worthy product for this price, i teste
50W	I ordered this cable to connect my phone to Android Auto of car. The cable is really strong and the connection
OR-1	The cable is efficient in fast charging but in quick data transfer. Overall fine.,I like the usb c L shape. Nylon Sh
ough	Good product,long wire,Charges good,Nice,I bought this cable for Rs.339 worthy product for this price, i teste
0W	Definitely isn't as good as the original cord but works. Fast charging and pretty sturdy,Worth it,So I had a fault
Cab	I like it 🍌 🍌 ,Best charging power . I used this cable on note 8 pro mi. Using 8month also fast working.,350 m

Identify products with a discount percentage between 20% and 40%.

Query

```
SELECT
  product_name,
  discount_percentage
FROM
  mytable
WHERE
  discount_percentage BETWEEN 0.20 AND 0.40;
```

Result

		* product_name varchar(1024)	discount_percentage numeric(5,2)
		Filter	Filter
	>	MI Usb Type-C Cable Smart	0.23
	>	Ambrane Unbreakable 60W	0.33
	>	Ambrane Unbreakable 60W	0.38
	>	LG 80 cm (32 inches) HD Re	0.39
	>	OnePlus 80 cm (32 inches) \	0.25
	>	Ambrane Unbreakable 3 in	0.25
	>	Acer 127 cm (50 inches) I Se	0.32

Find products that have an actual price above ₹1,000 and are rated 4 stars or above.

Query

```
SELECT
  product_name,
  actual_price,
  rating
FROM
  mytable
WHERE
  actual_price > 1000
  AND rating > 4.0; 132ms
```

Result

		* product_name varchar(1024)	actual_price numeric(10,2)	rating numeric(3,2)
		Filter	Filter	Filter
	>	Wayona Nylon Braided USB	1099.00	4.20
	>	MI 80 cm (32 inches) 5A Ser	24999.00	4.20
	>	LG 80 cm (32 inches) HD Re	21990.00	4.30
	>	Duracell USB Lightning App	1799.00	4.50
	>	Mi 108 cm (43 inches) Full I	34999.00	4.30
	>	Samsung 80 cm (32 Inches)	22900.00	4.30
	>	Acer 80 cm (32 inches) I Ser	19990.00	4.30

Find products where the discounted price ends with a 9

Query

```
SELECT
  product_name,
  discounted_price
FROM
  mytable
WHERE
  CAST(discounted_price AS TEXT) LIKE '%9';
```

Result

		* product_name varchar(1024)	actual_price numeric(10,2)	rating numeric(3,2)
		Filter	Filter	Filter
	>	Wayona Nylon Braided USB	1099.00	4.20
	>	MI 80 cm (32 inches) 5A Ser	24999.00	4.20
	>	LG 80 cm (32 inches) HD Re	21990.00	4.30
	>	Duracell USB Lightning App	1799.00	4.50
	>	Mi 108 cm (43 inches) Full I	34999.00	4.30
	>	Samsung 80 cm (32 Inches)	22900.00	4.30
	>	Acer 80 cm (32 inches) I Ser	19990.00	4.30

Display review contents that contains words like worst, waste, poor, or not good.

Query

```
SELECT
  product_name,
  review_content
FROM
  mytable
WHERE
  review_content LIKE '%waste%'
  OR review_content LIKE '%poor%'
  OR review_content LIKE '%waste%'
  OR review_content LIKE '%not good%';
```

Result

	review_content text
be C to	Buy it,Received in good condition and is working properly,This price cabil not good, and also short,I am using from 2 m
es) I Se	About the TV - Wonderful-----Probably the best TV in this price ran
nches)	I am posting this after a few weeks of using the product.Usage: Continuous, OTT only, no Cable/Dish operator.Average c
inches	Before finalizing the AUE60 55", I visited Croma and Vijay Sales to check for the same TV or similar models for their feat
e for S	Overall replacement of original samsung remote.its compatible easily with my samsung uhd tv.but there is no voice con
bps W	I am using this on an old Mac Mini, since the Broadcom proprietary drivers aren't available and the replacement B43 dri
) Frame	I got this for 6k. At this price point, I believe the TV provides decent quality. You shouldn't expect amazing quality anywa
ches) \	This OnePlus TV is great if you want a affordable and middle range features TV. I got it in the offer and it was totally wo

List all products where the category includes "Accessories."

Query

```
SELECT
  product_name,
  category
FROM
  mytable
WHERE
  category LIKE '%Accessories%';
```

Result

* product_name varchar(1024)	category varchar(1024)
TP-Link USB WiFi Adapter for PC(TL-WN725N), N150 Wireless I	Computers&Accessories NetworkingDevices NetworkAdapt
Ambrane Unbreakable 60W / 3A Fast Charging 1.5m Braided M	Computers&Accessories Accessories&Peripherals Cables&A
Portronics Konnect L POR-1081 Fast Charging 3A Type-C Cable	Computers&Accessories Accessories&Peripherals Cables&A
boAt Rugged v3 Extra Tough Unbreakable Braided Micro USB C	Computers&Accessories Accessories&Peripherals Cables&A
AmazonBasics Flexible Premium HDMI Cable (Black, 4K@60Hz,	Electronics HomeTheater,TV&Video Accessories Cables HDI
pTron Solero MB301 3A Micro USB Data & Charging Cable, Ma	Computers&Accessories Accessories&Peripherals Cables&A
Portronics Konnect CL 20W POR-1067 Type-C to 8 Pin USB 1.2I	Computers&Accessories Accessories&Peripherals Cables&A
Portronics Konnect L 1.2M POR-1401 Fast Charging 3A 8 Pin U	Computers&Accessories Accessories&Peripherals Cables&A

Thank You

