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1      create database amz;
2  •   use amz;
3  •   CREATE TABLE amazon_sales (
4      product_id INT PRIMARY KEY,
5      product_name VARCHAR(100),
6      category VARCHAR(50),
7      price DECIMAL(10,2),
8      discount_percent INT,
9      rating DECIMAL(2,1),
10     stock_quantity INT,
11     seller VARCHAR(50),
12     order_date DATE,
13     sales_amount DECIMAL(10,2)
14 );

15  ▾   INSERT INTO amazon_sales
16     (product_id, product_name, category, price, discount_percent, rating, stock_quantity, seller, order_date,
17     VALUES
18     (101, 'Echo Dot', 'Electronics', 49.99, 20, 4.6, 120, 'Amazon', '2024-01-15', 3999.20),
19     (102, 'Fire Stick', 'Electronics', 39.99, 15, 4.5, 80, 'Amazon', '2024-01-20', 2799.30),
20     (103, 'Yoga Mat', 'Sports', 25.00, 10, 4.2, 200, 'FitLife', '2024-02-05', 1500.00),
21     (104, 'Office Chair', 'Furniture', 150.00, 25, 4.0, 50, 'ComfortSeating', '2024-02-10', 7500.00),
22     (105, 'Water Bottle', 'Kitchen', 18.00, 5, 4.8, 300, 'HomeEssentials', '2024-03-01', 1800.00);
23
24  •   SELECT * FROM amazon_sales;
25
26
27

```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

product_id	product_name	category	price	discount_percent	rating	stock_quantity	seller	order_date	sales_amount
101	Echo Dot	Electronics	49.99	20	4.6	120	Amazon	2024-01-15	3999.20
102	Fire Stick	Electronics	39.99	15	4.5	80	Amazon	2024-01-20	2799.30
103	Yoga Mat	Sports	25.00	10	4.2	200	FitLife	2024-02-05	1500.00
104	Office Chair	Furniture	150.00	25	4.0	50	ComfortSeating	2024-02-10	7500.00
105	Water Bottle	Kitchen	18.00	5	4.8	300	HomeEssentials	2024-03-01	1800.00

```

26  •   SELECT * FROM amazon_sales WHERE price > 50;
27
28

```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

product_id	product_name	category	price	discount_percent	rating	stock_quantity	seller	order_date	sales_amount
104	Office Chair	Furniture	150.00	25	4.0	50	ComfortSeating	2024-02-10	7500.00

27

```
28 • SELECT * FROM amazon_sales WHERE category = 'Electronics';
```

29

Result Grid										
Filter Rows:		Edit:		Export/Import:		Wrap Cell Content:				
product_id	product_name	category	price	discount_percent	rating	stock_quantity	seller	order_date	sales_amount	
101	Echo Dot	Electronics	49.99	20	4.6	120	Amazon	2024-01-15	3999.20	
102	Fire Stick	Electronics	39.99	15	4.5	80	Amazon	2024-01-20	2799.30	
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	

```
30 • SELECT * FROM amazon_sales WHERE rating <> 4.5;
```

31

32

33

Result Grid										
Filter Rows:		Edit:		Export/Import:		Wrap Cell Content:				
product_id	product_name	category	price	discount_percent	rating	stock_quantity	seller	order_date	sales_amount	
101	Echo Dot	Electronics	49.99	20	4.6	120	Amazon	2024-01-15	3999.20	
103	Yoga Mat	Sports	25.00	10	4.2	200	FitLife	2024-02-05	1500.00	
104	Office Chair	Furniture	150.00	25	4.0	50	ComfortSeating	2024-02-10	7500.00	
105	Water Bottle	Kitchen	18.00	5	4.8	300	HomeEssentials	2024-03-01	1800.00	
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	

```
32 • SELECT * FROM amazon_sales
```

```
33 WHERE category = 'Electronics' AND rating > 4.5;
```

34

35

Result Grid										
Filter Rows:		Edit:		Export/Import:		Wrap Cell Content:				
product_id	product_name	category	price	discount_percent	rating	stock_quantity	seller	order_date	sales_amount	
101	Echo Dot	Electronics	49.99	20	4.6	120	Amazon	2024-01-15	3999.20	
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	

34

```
35 • SELECT * FROM amazon_sales
```

```
36 WHERE category = 'furniture' OR category = 'Sports';
```

37

Result Grid										
Filter Rows:		Edit:		Export/Import:		Wrap Cell Content:				
product_id	product_name	category	price	discount_percent	rating	stock_quantity	seller	order_date	sales_amount	
103	Yoga Mat	Sports	25.00	10	4.2	200	FitLife	2024-02-05	1500.00	
104	Office Chair	Furniture	150.00	25	4.0	50	ComfortSeating	2024-02-10	7500.00	
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	


```

50 • SELECT * FROM amazon_sales
51 WHERE product_name LIKE '%Bottle%';
52

```

product_id	product_name	category	price	discount_percent	rating	stock_quantity	seller	order_date	sales_amount
105	Water Bottle	Kitchen	18.00	5	4.8	300	HomeEssentials	2024-03-01	1800.00

```

53 • SELECT * FROM amazon_sales
54 WHERE seller IS NOT NULL;
55

```

product_id	product_name	category	price	discount_percent	rating	stock_quantity	seller	order_date	sales_amount
101	Echo Dot	Electronics	49.99	20	4.6	120	Amazon	2024-01-15	3999.20
102	Fire Stick	Electronics	39.99	15	4.5	80	Amazon	2024-01-20	2799.30
103	Yoga Mat	Sports	25.00	10	4.2	200	FitLife	2024-02-05	1500.00
104	Office Chair	Furniture	150.00	25	4.0	50	ComfortSeating	2024-02-10	7500.00
105	Water Bottle	Kitchen	18.00	5	4.8	300	HomeEssentials	2024-03-01	1800.00

amazon_sales 17

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56 • SELECT product_name,
57 price - (price * discount_percent / 100) AS discounted_price
58 FROM amazon_sales;
59

```

product_name	discounted_price
Echo Dot	39.992000
Fire Stick	33.991500
Yoga Mat	22.500000
Office Chair	112.500000
Water Bottle	17.100000

```

60 • SELECT product_name, price * 1.10 AS increased_price
61 FROM amazon_sales;
62

```

product_name	increased_price
Echo Dot	54.9890
Fire Stick	43.9890
Yoga Mat	27.5000
Office Chair	165.0000
Water Bottle	19.8000

62

```
63 • SELECT SUM(sales_amount) AS total_sales  
64 FROM amazon_sales;
```

65

Result Grid		Filter Rows:	Export:
	total_sales		
▶	17598.50		

65

```
66 • SELECT AVG(price) AS avg_price  
67 FROM amazon_sales;
```

68

Result Grid		Filter Rows:	Export:
	avg_price		
▶	56.596000		

68

```
69 • SELECT COUNT(*) FROM amazon_sales;
```

70

Result Grid		Filter Rows:	Export:
	COUNT(*)		
▶	5		

70

```
71 • SELECT category, SUM(sales_amount) AS total_sales
72 FROM amazon_sales
73 GROUP BY category;
```

74

Result Grid |   Filter Rows: | Export:  | Wrap Cell C

category	total_sales
Electronics	6798.50
Sports	1500.00
Furniture	7500.00
Kitchen	1800.00

```
75 • SELECT category, SUM(sales_amount) AS total_sales
76 FROM amazon_sales
77 GROUP BY category
78 HAVING SUM(sales_amount) > 5000;
```

79

Result Grid |   Filter Rows: | Export:  | Wrap Cell C

category	total_sales
Electronics	6798.50
Furniture	7500.00

```
80 • SELECT * FROM amazon_sales
81 ORDER BY price DESC;
```

82

Result Grid |   Filter Rows: | Edit:    | Export/Import:   | Wrap Cell Contents: 

	product_id	product_name	category	price	discount_percent	rating	stock_quantity	seller	order_date	sales_amount
▶	104	Office Chair	Furniture	150.00	25	4.0	50	ComfortSeating	2024-02-10	7500.00
	101	Echo Dot	Electronics	49.99	20	4.6	120	Amazon	2024-01-15	3999.20
	102	Fire Stick	Electronics	39.99	15	4.5	80	Amazon	2024-01-20	2799.30
	103	Yoga Mat	Sports	25.00	10	4.2	200	FitLife	2024-02-05	1500.00
	105	Water Bottle	Kitchen	18.00	5	4.8	300	HomeEssentials	2024-03-01	1800.00
•	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

amazon_sales 20 x

Apply