

1. Top 10 Best-Selling Products (by Rating Count)

```
1  SELECT product_name, brand_name, rating, rating_count
2  FROM ecommercedata
3  ORDER BY rating_count DESC
4  LIMIT 10;
5
```

Result Grid				
Filter Rows:		Export:	Wrap Cell Content:	Fetch rows:
product_name	brand_name	rating	rating_count	
Men Set of 5 Deodorants	Denver	5	3900	
Men Solid Boxy T-shirt	ether	5	3900	
Men Set of 5 Deodorants	Denver	5	3900	
Men Slip-On Sneakers	AfroJack	4	2300	
Unisex Running Cap	Wish Karo	4	1600	
Oil-Free Face Moisturiser	Neutrogena	4	1600	
Girls Fit and Flare Dress	Wish Karo	4	1600	
Women Straight Fit Peg Trousers	Zastraa	4	1500	
Mandarin Collar Shirt Style Top	Roadster	4	1400	
Men Slim Fit Low-Rise Jeans	Roadster	4	1400	

2. Top Rated Products

```

6 • SELECT product_name, brand_name, rating
7     FROM ecommercedata
8     WHERE rating IS NOT NULL
9     ORDER BY rating DESC
10    LIMIT 10;
11

```

Result Grid Filter Rows: <input type="text"/> Export: Wrap Cell Content:				
product_name	brand_name	rating	rating_count	
Men Set of 5 Deodorants	Denver	5	3900	
Men Solid Boxy T-shirt	ether	5	3900	
Men Set of 5 Deodorants	Denver	5	3900	
Men Slip-On Sneakers	AfroJack	4	2300	
Unisex Running Cap	Wish Karo	4	1600	
Oil-Free Face Moisturiser	Neutrogena	4	1600	
Girls Fit and Flare Dress	Wish Karo	4	1600	
Women Straight Fit Peg Trousers	Zastraa	4	1500	
Mandarin Collar Shirt Style Top	Roadster	4	1400	
Men Slim Fit Low-Rise Jeans	Roadster	4	1400	

3. Average Discount Per Brand

```

13 • SELECT brand_name, AVG(CAST(discount_percent AS DECIMAL(5,2))) AS avg_discount
14     FROM ecommercedata
15     WHERE discount_percent REGEXP '^[0-9.]+$'
16     GROUP BY brand_name
17     ORDER BY avg_discount DESC;
18

```

Result Grid Filter Rows: <input type="text"/> Export: Wrap Cell Content: Fetch rows:				
product_name	brand_name	rating	rating_count	
Men Set of 5 Deodorants	Denver	5	3900	
Men Solid Boxy T-shirt	ether	5	3900	
Men Set of 5 Deodorants	Denver	5	3900	
Men Slip-On Sneakers	AfroJack	4	2300	
Unisex Running Cap	Wish Karo	4	1600	
Oil-Free Face Moisturiser	Neutrogena	4	1600	
Girls Fit and Flare Dress	Wish Karo	4	1600	
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Mandarin Collar Shirt Style Top	Roadster	4	1400	
Men Slim Fit Low-Rise Jeans	Roadster	4	1400	

ecommercedata 2 x Read Only

4. Count of Products per Brand

```
19 • SELECT brand_name, COUNT(*) AS total_products
20 FROM ecommercedata
21 GROUP BY brand_name
22 ORDER BY total_products DESC;
23
24
```

brand_name	total_products
Roadster	68
Mast & Harbour	32
Puma	31
MANGO	28
HIGHLANDER	26
H&M	25
HRX by Hrithik Roshan	24
Lavie	19
Tommy Hilfiger	19
Flying Machine	16
HERE&NOW	16

5. Most Discounted Products

```
25 • SELECT product_name, brand_name, discount_amount, discounted_price
26 FROM ecommercedata
27 ORDER BY discount_amount DESC
28 LIMIT 10;
29
30
```

brand_name	total_products
Roadster	68
Mast & Harbour	32
Puma	31
MANGO	28
HIGHLANDER	26
H&M	25
HRX by Hrithik Roshan	24
Lavie	19
Tommy Hilfiger	19
Flying Machine	16
HERE&NOW	16

6. Products with No Discount

```
31 • SELECT product_name, marked_price, discounted_price
32 FROM ecommercedata
33 WHERE discount_amount = 0 OR discount_percent = '0';
34
35
```

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
product_name	marked_price	discounted_price	
Printed A-line Kurta	1999	1599	
Women Printed Kurta with Skirt	2899	2899	
Open-Front Shrug	1399	545	
Fitted Crop Top	3499	3499	
Animal Print Top	1449	1376	
Men Jasper Running Shoes	699	699	
Solid T-shirt Dress	1299	584	
Slim Fit Checked Casual Shirt	1799	1079	
Slim Fit Checked Casual Shirt	1799	1079	
Aloe Vera Gel - 500 g	499	299	
Solid Sports Trolley Bag	1999	1999	

6. Product Count by Tag

```
39
40
41 • SELECT product_tag, COUNT(*) AS count
42 FROM ecommercedata
43 GROUP BY product_tag
44 ORDER BY count DESC;
45
```

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
product_tag	count		
dresses	135		
shirts	129		
tshirts	120		
track-pants	69		
kurta-sets	68		
jeans	67		
tops	63		
kurtas	60		
handbags	53		
trousers	48		
casual-shoes	45		

8. Products Grouped by Price Range

```
47 SELECT
48 CASE
49     WHEN discounted_price < 500 THEN 'Under ₹500'
50     WHEN discounted_price BETWEEN 500 AND 999 THEN '₹500 - ₹999'
51     WHEN discounted_price BETWEEN 1000 AND 1999 THEN '₹1000 - ₹1999'
52     ELSE '₹2000+'
53 END AS price_range,
54 COUNT(*) AS product_count
55 FROM ecommercedata
56 GROUP BY price_range;
57
```

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

	price_range	product_count
▶	₹500 - ₹999	499
	₹1000 - ₹1999	451
	Under ₹500	179
	₹2000+	294

Data Quality Checks

Missing Ratings

```
59 SELECT COUNT(*) AS missing_ratings
60 FROM ecommercedata
61 WHERE rating IS NULL OR rating = 0;
62
```

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

	missing_ratings
▶	508

Missing Discount Percentage

```
63 SELECT COUNT(*) AS missing_discounts
64 FROM ecommercedata
65 WHERE discount_percent IS NULL OR discount_percent = '';
66
```

Result Grid				Filter Rows: <input type="text"/>	Export: 	Wrap Cell Content: 
	missing_discounts					
	0					