--FahmiZainal

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1. Do our customers prefer a certain type of shipping class? Find the number of orders per

ship mode.

2. How many unique salespeople do we have employed in each region? How does that

compare to the number of unique countries in each region?

3. Find the most popular reason for returns.

4. Bonus: Create a query that groups the total number of products available by vendor. The

vendors we want to focus on are 3M, Apple, Avery, Cisco, Epson, Hewlett-Packard (HP,

Hewlett Packard), Logitech, Panasonic, Samsung, and Xerox.(Hint: use product\_name

column to get the vendor details)

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1.

SELECT(ship\_mode) , COUNT (order\_id) as count\_of\_orders

FROM orders AS o

GROUP BY o.ship\_mode;

Answer

"First Class" 51911

"Same Day" 204627

"Second Class" 333013

"Standard Class" 401126

2.

SELECT region, COUNT (DISTINCT salesperson)AS count\_of\_unique\_salesperson,COUNT (DISTINCT country) AS count\_of\_unique\_countries

FROM regions

GROUP BY region;

Answer

"Americas" 9 26

"APAC" 5 29

"EMEA" 5 91

3.

SELECT reason\_returned , COUNT (reason\_returned) AS Count\_of\_Reason\_returned

FROM returns

GROUP BY reason\_returned

ORDER BY Count\_of\_Reason\_returned DESC

LIMIT 1

Answer

"Not Given" 18988

4.

SELECT

CASE

WHEN product\_name ILIKE '%3M%' THEN '3M'

WHEN product\_name ILIKE '%Apple%' THEN 'Apple'

WHEN product\_name ILIKE '%Avery%' THEN 'Avery'

WHEN product\_name ILIKE '%Cisco%' THEN 'Cisco'

WHEN product\_name ILIKE '%Epson%' THEN 'Epson'

WHEN product\_name ILIKE '%HP%'OR product\_name ILIKE '%Hewlett%' THEN 'Hewlett-Packard'

WHEN product\_name ILIKE '%Logitech%' THEN 'Logitech'

WHEN product\_name ILIKE '%Panasonic%' THEN 'Panasonic'

WHEN product\_name ILIKE '%Samsung%' THEN 'Samsung'

WHEN product\_name ILIKE '%Xerox%' THEN 'Xerox'

ELSE 'Other'

END AS vendor\_group,

COUNT(\*) AS product\_count

FROM products

GROUP BY vendor\_group;

Answer

"Avery" 302

"Apple" 111

"Samsung" 120

"Panasonic" 107

"Other" 8824

"Xerox" 260

"Epson" 88

"Cisco" 119

"Hewlett-Packard" 214

"Logitech" 141

"3M" 6