

Apple Project Questions

Easy to Medium (10 Questions)

1. Find each country and number of stores
2. What is the total number of units sold by each store?
3. How many sales occurred in December 2023?
4. How many stores have never had a warranty claim filed against any of their products?
5. What percentage of warranty claims are marked as "Warranty Void"?
6. Which store had the highest total units sold in the last year?
7. Count the number of unique products sold in the last year.
8. What is the average price of products in each category?
9. How many warranty claims were filed in 2020?
10. Identify each store and best selling day based on highest qty sold

Medium to Hard (5 Questions)

11. Identify least selling product of each country for each year based on total unit sold
12. How many warranty claims were filed within 180 days of a product sale?
13. How many warranty claims have been filed for products launched in the last two years?
14. List the months in the last 3 years where sales exceeded 5000 units from usa.
15. Which product category had the most warranty claims filed in the last 2 years?

Complex (5 Questions)

16. Determine the percentage chance of receiving claims after each purchase for each country.
17. Analyze each store's year by year growth ratio
18. What is the correlation between product price and warranty claims for products sold in the last five years? (Segment based on diff price)
19. Identify the store with the highest percentage of "Paid Repaired" claims in relation to total claims filed.

20. Write SQL query to calculate the monthly running total of sales for each store over the past four years and compare the trends across this period?

Bonus Question:

20. Analyze sales trends of product over time, segmented into key time periods: from launch to 6 months, 6-12 months, 12-18 months, and beyond 18 months?