



## PHARMA DATA ASSESSMENT QUESTIONS

**Note:** These assessment questions cater to interns at various skill levels, from beginners to experienced analysts. If you find any questions challenging, feel free to search for solutions or contact us at [intern@psyliq.com](mailto:intern@psyliq.com) for assistance. Good luck with the assessment!

1. Basic Filtering: Can you filter the data to show only the records for a specific country, let's say "Poland"?
2. Sorting Data: How would you sort the data in ascending order based on the "Sales" column?
3. Summarizing Data: What is the total quantity of all products sold in the year 2023?
4. Conditional Formatting: Apply conditional formatting to highlight all sales greater than \$5,000 in the "Sales" column.
5. Simple Pivot Table: Create a pivot table to summarize total sales by "Channel."
6. Basic Chart: Generate a bar chart to visualize the sales quantity by "Product Class."
7. VLOOKUP Function: Can you use the VLOOKUP function to find the "Manager" for a specific "Sales Rep"?
8. Data Validation: Set up data validation to allow only specific cities from a predefined list in the "City" column.
9. Advanced Filtering: Apply a filter to show records where "Product Class" is either "Electronics" or "Clothing."
10. Sorting with Multiple Criteria: How would you sort the data first by "Country" in ascending order, and then by "Month" in descending order?
11. Calculated Fields in Pivot Table: Add a calculated field in the pivot table to calculate the average price per unit sold.
12. Advanced Charting: Create a line chart to show the trend of total sales over the years.
13. Nested IF Function: Use a nested IF function to categorize "Sales" into three categories: Low, Medium, and High.
14. Data Validation with Dropdown Lists: Create dropdown lists for "Product Class" and "Sub-channel" in the data entry cells.

15. Pivot Chart: Turn the pivot table created earlier into a pivot chart to visualize sales by "Distributor."

16. Pivot Table Slicers: Add slicers to the pivot table to allow easy filtering by "Month" and "Year."

17. Lookup Functions: Use INDEX and MATCH functions to find the "Sales Rep" for a specific "Customer Name."

18. Advanced Conditional Formatting: Apply a custom conditional format to highlight the top 10% of sales values with a distinct color.

19. Data Consolidation: Consolidate data from multiple files into a single master file and create a pivot table to summarize the combined data.

20. Scenario Manager: Use the Scenario Manager to compare different scenarios for future sales by changing variables like "Price" and "Quantity."