I used formula given in previous chat: =LET( companies, UNIQUE(B2:B62201), numCompanies, ROWS(companies), headers, REDUCE(A1:D1, SEQUENCE(numCompanies-1), LAMBDA(acc,i, HSTACK(acc, A1:D1))), dataRows, REDUCE( FILTER(A2:D62201, B2:B62201=INDEX(companies,1)), SEQUENCE(numCompanies-1,1,2), LAMBDA(acc,i, HSTACK(acc, FILTER(A2:D62201, B2:B62201=INDEX(companies,i))) ) ), VSTACK(headers, dataRows) )

It was success. But all my date columns have numbers instead of dates. How I can change formats of only dates columns to dd-mmm-yyyy (only select dates columns in the horizontally aligned data)

Edit

You can modify the formula to format only the date columns. Since your original data has dates in columns A and D, you'll need to apply date formatting to those specific columns in the horizontally aligned output.

Here's the modified formula that formats columns A and D as dates:

Excel Formula with Date Formatting

Code

=LET( companies, UNIQUE(B2:B62201), numCompanies, ROWS(companies), headers, REDUCE(A1:D1, SEQUENCE(numCompanies-1), LAMBDA(acc,i, HSTACK(acc, A1:D1))), dataRows, REDUCE( FILTER(A2:D62201, B2:B62201=INDEX(companies,1)),

This formula works by:

1. Creating the horizontally aligned data as before
2. Using MOD(COLUMN(result)-1, 4) + 1 to identify which column position we're in within each 4-column group (A,B,C,D pattern)
3. Applying TEXT(result, "dd-mmm-yyyy") formatting when:
   * Position 1 (original column A - dates)
   * Position 4 (original column D - dates)
4. Leaving other columns unchanged

The MOD function cycles through positions 1,2,3,4 for each company's data block, so it correctly identifies where the date columns are located in the horizontally expanded layout.

If your date columns are different (not A and D), just modify the position numbers in the IF conditions accordingly.

Retry

D

But data is up to column HC from Column L. Have you taken care of that boundary? Example L, P, T, will be dates.

Edit

You're absolutely right! I need to account for the fact that your data spans from column L to column HC, and the date columns follow a pattern where every 4th column starting from L contains dates (L, P, T, X, AB, AF, etc.).

Here's the corrected formula:

Excel Formula with Date Formatting

Code ∙ Version 2

=LET( companies, UNIQUE(B2:B62201), numCompanies, ROWS(companies), headers, REDUCE(A1:D1, SEQUENCE(numCompanies-1), LAMBDA(acc,i, HSTACK(acc, A1:D1))), dataRows, REDUCE( FILTER(A2:D62201, B2:B62201=INDEX(companies,1)),

This corrected formula:

1. **Identifies the correct date columns**: Starting from column L (which is the 12th column), then every 4th column after that (P=16, T=20, X=24, AB=28, AF=32, etc.)
2. **Uses the correct logic**:
   * currentCol >= 12 ensures we only start checking from column L onwards
   * MOD(currentCol - 12, 4) = 0 identifies every 4th column starting from L
3. **Handles the full range**: This will work for all columns from L to HC, formatting only the date columns in your pattern.

The key difference is that I'm now using COLUMN(result) to get the actual column number and checking if it matches your date column pattern (L, P, T, X, AB, AF, etc.) rather than assuming the original A,B,C,D pattern.

Retry

D

USed like this: =LET( companies, UNIQUE(B2:B62201), numCompanies, ROWS(companies), headers, REDUCE(A1:D1, SEQUENCE(numCompanies-1), LAMBDA(acc,i, HSTACK(acc, A1:D1))), dataRows, REDUCE( FILTER(A2:D62201, B2:B62201=INDEX(companies,1)), SEQUENCE(numCompanies-1,1,2), LAMBDA(acc,i, HSTACK(acc, FILTER(A2:D62201, B2:B62201=INDEX(companies,i))) ) ), result, VSTACK(headers, dataRows), currentCol, COLUMN(result), isDateColumn, AND(currentCol >= 12, MOD(currentCol - 12, 4) = 0), formattedResult, IF( isDateColumn, TEXT(result, "dd-mmm-yyyy"), result ), formattedResult ) But #VALUE! error in column L where formula was entered.

Edit

The issue is that COLUMN(result) doesn't work the way we expected in this context. When result is an array, COLUMN() can't properly reference the individual column positions within that array.

Let's fix this by using a different approach with SEQUENCE to generate the column positions:

Excel Formula with Date Formatting

Code ∙ Version 3

=LET( companies, UNIQUE(B2:B62201), numCompanies, ROWS(companies), headers, REDUCE(A1:D1, SEQUENCE(numCompanies-1), LAMBDA(acc,i, HSTACK(acc, A1:D1))), dataRows, REDUCE( FILTER(A2:D62201, B2:B62201=INDEX(companies,1)),

This corrected version:

1. **Creates a matrix of column positions**: colPositions generates a matrix where each cell contains its actual column number
2. **Uses array multiplication instead of AND**: (colPositions >= 12) \* (MOD(colPositions - 12, 4) = 0) works better with arrays than the AND function
3. **Applies formatting correctly**: The IF statement now works with the proper column position matrix

The key fix is using SEQUENCE to create a matrix of column numbers that matches the dimensions of your result array, rather than trying to use COLUMN() on an array variable.

Retry

D

Some error. Formatting is applied from column W (which is volume for 3rd company and then AA, AE (#VALUE!) error, AI again #VALUE error. Something buggy.

Edit

I see the issue! The problem is with how I'm calculating the column positions. Let me fix this by using a simpler approach that directly maps the relative positions within your horizontally stacked data.

Excel Formula with Date Formatting

Code ∙ Version 4

=LET( companies, UNIQUE(B2:B62201), numCompanies, ROWS(companies), headers, REDUCE(A1:D1, SEQUENCE(numCompanies-1), LAMBDA(acc,i, HSTACK(acc, A1:D1))), dataRows, REDUCE( FILTER(A2:D62201, B2:B62201=INDEX(companies,1)),

Wait, I think I misunderstood your original structure. You mentioned that in your source data, columns L, P, T are dates, but I was thinking about the horizontally stacked result structure wrong.

Let me clarify: In your original data (A:D), which columns contain dates? And when you stack horizontally, you want those same column types to be formatted as dates in each company's section?

For now, this formula assumes:

* Column A contains dates (positions 1, 5, 9, 13...)
* Column D contains dates (positions 4, 8, 12, 16...)

But if your original A:D structure has dates in different positions, please let me know which columns in your source A:D range contain the dates, and I'll adjust accordingly.

Retry

D

Now all data show dates with some errors except company names: See image

Edit

I see the issue! The formula is trying to apply date formatting to ALL columns, including the company names and other non-date columns. Looking at your data structure, I can see that you have:

* Column A: Date
* Column B: Company
* Column C: Close Price
* Column D: Total Volume

Only columns A and D should be formatted as dates, but the current formula is applying date formatting incorrectly.

Let me fix this:

Excel Formula with Date Formatting

Code ∙ Version 5

=LET( companies, UNIQUE(B2:B62201), numCompanies, ROWS(companies), headers, REDUCE(A1:D1, SEQUENCE(numCompanies-1), LAMBDA(acc,i, HSTACK(acc, A1:D1))), dataRows, REDUCE( FILTER(A2:D62201, B2:B62201=INDEX(companies,1)),

This corrected formula now only formats the date columns (column A positions: 1, 5, 9, 13, 17, 21, etc.) and leaves the other columns (Company names, Close prices, Total Volume) in their original format.

The key change is using only MOD(colSequence - 1, 4) = 0 to identify just the first column of each 4-column group, which corresponds to your Date column (column A) in the original data.