

We've recently made an accessibility improvement to the community and therefore posts without any content are no longer allowed. Please use the spoiler feature or add a short message in the message body in order to submit your weekly challenge.

2022-05-26 Updates: Email: If you're not seeing emails be delivered from the Community, please check your spam and mark the Community emails as not junk. Thank you for your patience.



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## Weekly Challenge

Solve the challenge, share your solution and summit the ranks of our Community!

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### IDEAS WANTED

We're actively looking for ideas on how to improve Weekly Challenges and would love to hear what you think!

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## Challenge #49: Reformatting Transactional Data



GeneR  
Alteryx Alumni (Retired)

The link to last week's challenge is [HERE](#).

This week's exercise is another example of how Alteryx can take poorly formatted data such as transactional log files and turn it into usable data.

Use Case: A customer has some data that comes with key product information stored at the top of the file. Each data column contains three lines of header information per product (product, market and type). The customer wants this information to be shown in rows for each product.

Objective: Reformat the input data to match the output example.

challenge\_49\_start\_file.yxmd

challenge\_49\_solution.yxmd

Basic Data Preparation Join Preparation Transform

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Joe\_Mako  
12 - Quasar

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4 LIKES

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MichelKars  
6 - Meteoroid

▶ Spoiler

My solution slightly different but gives the same results.

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TaraM  
Alteryx

A solution has been posted (it looks just like yours @Joe\_Mako). Thanks for sharing yours too, @MichelKars.

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 **DanielUpton**  
9 - Comet


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...and here's another alternative with a hard-coded shortcut. Only works insofar as 1-to-1 relationship between Product, Market and Type remains valid.

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 **DanielUpton**  
9 - Comet

Michael, I like the simplicity of your solution. Any chance I could see the .yxmd? I'm at dupton@decisionlab.net. My solution (just posted) also works, but uses hard-coding based on observed values...

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 **JoeM**  
Alteryx Alumni (Retired)

[@DanielUpton](#), with our latest release of Community, you can now upload solutions right into the thread and no longer have to share just via spoilers!

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 **DanielUpton**  
9 - Comet

[@JoeM](#) Okay, here is an alt solution.

 challenge\_49\_solution\_alt2.yxmd 

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 **ACE mceleavey**  
17 - Castor

I think my solution is the same as some others.

▷ Spoiler

**bu:lien**

 challenge\_49\_solution.yxmd 


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 **ACE SeanAdams**  
17 - Castor

very similar to all the others. Seems that this may be the natural choice (given that so many folk arrived at this independantly)

 challenge\_49\_SeanSolution.yxmd 

All forum topics < >

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