

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 #36: Data Cleansing Extract Authors



GeneR

Alteryx Alumni (Retired)

The link to the solution for last challenge #35 is [HERE](#).

Use Case: An analytical consulting company downloads medical journal publication data from the web and would like to extract all of the authors for the listed entries.

The text input contains details about each article where FAU indicates the author name for the article – in most case there are multiple authors. The details of each article are contained in lines that begin with PMID and end with an empty line.

Objective: Parse out each article PMID and list each author in sequential columns as seen in the Results.yxmd file.

challenge\_36\_start\_file.yxzp

challenge\_36\_solution.yxzp

Data Analysis Intermediate Join Preparation Transform

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TaraM

Alteryx

A solution has been included

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Tara McCoy

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Naledi

7 - Meteor

▶ Spoiler

My approach

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GeneR

Alteryx Alumni (Retired)

Very nice use of the 'select records' tool [@Naledi](#)

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ACE

MarqueeCrew

19 - Altair

@JoeM,

Another attempt to earn my challenge badge(s).

Cheers,  
Mark

P.S. I'm glad to see @TaraM is so active in the challenges :)

Alteryx ACE & Top Community Contributor

Chaos reigns within. Repent, reflect and restart. Order shall return.  
Please [Subscribe](#) to my YouTube channel.


 challenge\_36\_MarqueeCrew.yxzp



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SeanAdams

17 - Castor

Slightly different approach

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 challenge\_36\_SeanSolution.yxmd



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NicoleJohnson

15 - Aurora

Solved!

▷ Spoiler

 challenge\_36\_NicoleJohnson.yxmd



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estherb47

15 - Aurora

I used the Summarize tool to concatenate all of the names per PMID, and then parsed back into columns with Text to Cols

▷ Spoiler


 challenge\_36\_EHB\_solutions.yxmd



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LordNeilLord

15 - Aurora

This was fun, it would have been much easier if you could group when creating a RecordId....

▷ Spoiler

 challenge\_36\_LNL.yxzp



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**nick\_ceneviva**

11 - Boide

Solution attached

 challenge\_36\_Ceneviva.yxmd 

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