

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.



SIGN IN



Free Trial

## Weekly Challenge

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

Also available in | Français | Português | Español | [2022](#)

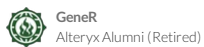
### IDEAS WANTED

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

[SUBMIT FEEDBACK](#)

[Weekly Challenge](#)

## Challenge #33: Reshaping Nielsen Data

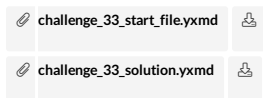


Hopefully everyone had fun with the Grand Prix challenges and a few of you are ready to jump in the ring next year for the 2017 Grand Prix at Inspire in Las Vegas. The solution for the final lap (challenge #32) is [HERE](#).

Let's dial it back this week and look another real world example of using Alteryx to reshape data into a usable format for analysis.

Use Case: A radio station is trying to analyze data they receive from Nielsen disclosing the number of listeners the station has on a weekly basis by program. The challenge is that the data is formatted in a way that makes it challenging to use for analytics.

Objective: Reshape the data detailing the listening stats for the 30 programs listed in the data.



Data Preparation Intermediate Join Preparation

Share

9 LIKES

Reply



Gotta love ETL reports. This is rather brute force - sure there is a better way.

Spoiler

Share

0 LIKES

Reply



Here's a solution:

Spoiler

Tara McCoy

Share

2 LIKES

Reply



This site uses different types of cookies, including analytics and functional cookies (its own and from other sites). To change your cookie settings or find out more, [click here](#). If you continue browsing our website, you accept these cookies.

Reject

I AGREE

LEARN MORE

Ok, quick and dirty (hold your comments, please).

▷ Spoiler



challenge\_33\_solution.yxmd

Share 3 LIKES Reply

**ACE SeanAdams**  
17 - Castor

:-) I went the longest way round possible

2 questions on the provided solution (from [@TaraM](#) / [@GeneR](#))  
- it seems like there's a first row of ratings data which this solution misses. Both [@mceleavey](#) and I have hacked around this by starting to count the ratings data from 0 instead of 1  
- one field is called "P25\_34Consume" instead of "P25\_54Consume"

I've attached my super-awkward, super-long-way-round solution :-)

challenge\_33\_SeansSolution.yxmd

Share 1 LIKE Reply

**ACE mceleavey**  
17 - Castor

Yes, I think "hacky" was the best description for my solution :)



Share 0 LIKES Reply

**ACE NicoleJohnson**  
15 - Aurora

My (verrrrry long) solution... this one was *brutal* for me... ouch. :)

▷ Spoiler

challenge\_33\_NicoleJohnson.yxmd


Share 2 LIKES Reply

**ACE mceleavey**  
17 - Castor

But you got there. The beauty of Alteryx in action, get the answer in the most roundabout way, then work backwards to clean up your processes for speed. It means everyone can get there eventually.




Share 1 LIKE Reply




**Laurap1228**  
11 - Bolide

I solved this in a round about way. This would have been a lot easier if I knew Regex!

» Spoiler

 challenge\_33\_LP.yxmd



Share

 0 LIKES


Reply




**ACE estherb47**  
15 - Aurora

More ETL fun?

» Spoiler

 challenge\_33\_EHB\_solution.yxmd



Share

 1 LIKE

Reply

< 1 2 3 ... 28 >

All forum topics < >

La

f

t

