

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.

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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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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 #83: Pop-Tart and Beer Pairings



JoeM
Alteryx Alumni (Retired)

The solution to last week's challenge can be found [here](#)!

This week's challenge was submitted by the illustrious [@MarqueeCrew](#) who came across this challenge at a Tableau User Group! Yes - the problem really was around beer and Pop-Tart pairings.

At a recent Tableau User Group, a poll was conducted using SurveyMonkey and the data was exported to an Excel workbook. Unfortunately, the data wasn't in a format that made it easy to work with in Tableau. Fortunately, an Alteryx user was there to prep the data on their behalf.

Within the survey data, there are repeating groups of Pop-Tart, Beer and Score values. Yes, the TUG had samples of Pop-Tarts paired with the beers from Bell's Brewery. The task was to create a single column for each of these values, allowing for repeating the balance of the survey results.

Can you Normalize the output data? For bonus play, can you analyze the data and provide insights from the sample data?

The output should include:

1. Name of the fiber
2. The original spatial line object
3. The new spatial line object
4. New length of line



This is my vote for best pairing.

[challenge_83_start_file.yxmd](#)



[challenge_83_solution.yxmd](#)



Data Analysis Data Preparation Intermediate Join Parse Preparation

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nick_ceneviva
11 - Bolide

Can't say I have ever paired beer and poparts together before! Solution is attached.

► Spoiler

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gnans19
11 - Bolide

Tried without RegEx

▷ Spoiler



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2 LIKES

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Joe_Mako
12 - Quasar

▷ Spoiler



challenge_83_Joe_Mako.yxmd



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7 LIKES

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JoeM
Alteryx Alumni (Retired)

I knew that the [@Joe_Mako](#) Arrange tool signature move would show up here! Love seeing you break that out every time!

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BenMoss
ACE Emeritus

I've tried to make this as dynamic as possible in case additional fields come into the data, etc.

▷ Spoiler

[@Joe_Mako](#)'s solution looks great, need to take a look at this in more detail!



challenge_83_start_file - BM.yxmd



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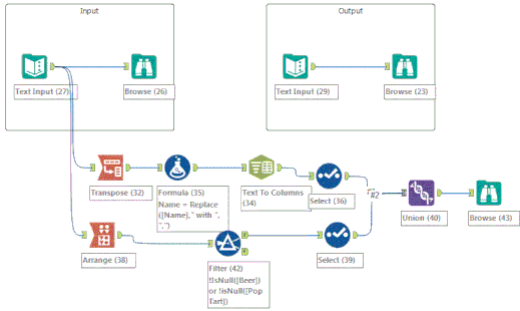


0 LIKES

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pjdit
8 - Asteroid



Key Fields				
<input checked="" type="checkbox"/>	Respondent ID			
<input checked="" type="checkbox"/>	Start Date			
<input checked="" type="checkbox"/>	End Date			
<input checked="" type="checkbox"/>	Age range			

Output Fields				
	Description	Beer	Pop Tart	Score
▶		Own Pairing ...	Own Pairing ...	Own Pairing ...
		Own Pairing ...	Own Pairing ...	Own Pairing ...
		Own Pairing ...	Own Pairing ...	Own Pairing ...
		Own Pairing ...	Own Pairing ...	Own Pairing ...

I handled the pairings with the dedicated columns through transpose and then splitting the column name using a simple replace formula, then split them out with the text to columns. then for the special pairings I used the arrange tool to create the 3 fields. then union the data together.

seems to work pretty well.

Paul

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Natalia
9 - Comet

I've never used Arrange tool before, so thanks [@Joe Mako](#) for showing the use case for it.

My solution attached, but I could probably improve it and get rid of the Join tool.

▶ Spoiler

challenge_83_NK.yxmd

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patrick_digan
17 - Castor

▶ Spoiler

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David-Carnes
11 - Bolide

Went down a rabbit hole by using the Field Info tool, selecting column with a Formula, then trying to dynamically pull data from the desired columns. But when I tried the Dynamic Select tool things fell into place pretty quickly. I had never used the Dynamic Select tool before, so this has been a fruitful exercise.

▶ Spoiler

This can handle the additions or deletions of columns.

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