

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 #9: Analytics Ranking



GeneR

Alteryx Alumni (Retired)

Here is the new weekly challenge. The link to the solution for last challenge is [HERE](#). For this challenge let's look at ranking records when multiple records can have the same rank.

The objective is to determine the top 5 ranking based on the count, however since there are multiple rows with same count (similar to a round of golf) multiple people can be in the same place (Rank) if they have the same score.

We have listed this as a beginner challenge and I expect it will go very quickly for many of you. Let us know what you think, we are looking forward to hearing your feedback.

UPDATE 1/25/2016

The solution has been uploaded.

challenge\_9\_start\_file.yxmd

challenge\_9\_solution.yxmd

Basic Data Analysis Preparation

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51 LIKES

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TaraM

Alteryx

The solution has been uploaded.

Tara McCoy

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0 LIKES

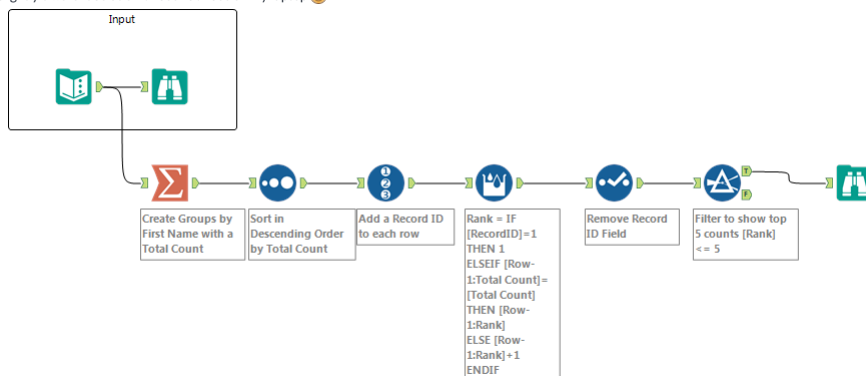
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alex

11 - Bolide

Slightly different solution .2 sec vs .4 sec on my laptop 🤔



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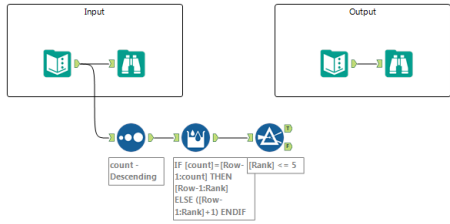
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Rachel\_Burge

5 - Atom

I was able to get to the solution using only these three tools! I was a little surprised this worked since I did not specifically tell Alteryx to put a 1 in row one of the Rank column. It must have assumed that if row: -1 is the header, it would assign row 1 a value of 0? Maybe oversimplifying this but it is pretty cool to see all the different ways alteryx can handle this task!



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ACE mceleavey


17 - Castor

A nice introduction to the "Tile" tool:

▷ Spoiler

buxlien

 challenge\_9\_solution.yxmd



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ACE SeanAdams

17 - Castor

came up with the same solution as [@Rachel\\_Burge](#) - but glad to have read [@mceleavey](#) solution because that's a component I've not used before

 challenge\_9\_Seansolution.yxmd



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ACE MarqueeCrew

19 - Altair

Hi [@JoeM](#),

Ranks 1-5 as requested.

Alteryx ACE & Top Community Contributor

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

 challenge\_9\_MarqueeCrew.yxmd



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KatieA

Alteryx Alumni (Retired)

Solution attached.

 KA\_challenge\_9.yxmd

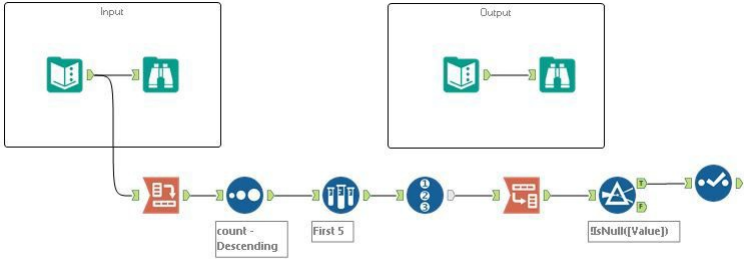


**NicoleJohnson**  
15 - Aurora

Solution! I tried to think outside the box on this one, there are certainly several simpler solutions already posted. But why keep things simple when you can overcomplicate things with a transpose and a cross-tab? :)

Note: I really really really wish there was a "Max/Min" tool. (Yes, I will be suggesting this.) Seems like more than a few of us are regularly accomplishing this by using 2-3 tools - Sort + Sample, or Sort + Select Record, or finding the max of a field using Summarize + Join back all the other fields you need + Filter to weed out the non-matches... It seems like there should be a tool that lets you pick the max or min of something based on a certain field without having to use 2-3 tools to get there. Even better if there was one that let you pick the Top N or the Bottom N (which Sample does), but WITHOUT having to sort/etc. first. If i am completely missing out on a single tool that already does this, please oh please do share! I feel like I'm going crazy with these 2-3 tool "find the max" workflows! :)

Solution: Transpose (Group by Count, Columns = First, Values = Count), Sort by descending Count, Select first 5, Add Ranking via RecordID, Cross-Tab to re-orient the results, Filter out NULL values, rename/reorder columns.



challenge\_9\_NicoleJohnson.yxmd

**Laurap1228**  
11 - Bolide

My solution to #9, very close to the solution posted.

▷ Spoiler

challenge\_9\_LP.yxmd

