

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 #122: Think Like a CSE...Ranking Data

 JohnPo
Alteryx Alumni (Retired)

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

We are thrilled to present another Challenge from our "Think like a CSE" series, brought to you by our fearless team of Customer Support Engineers. Each month, the Customer Support team will ask Community members to "think like a CSE" to try to resolve a case that was inspired by real-life issues encountered by Alteryx users like you!

This month we present the case of ranking ratings in descending order. Below, we've provided the information that was initially available to the Customer Support Engineer who resolved the case. It's up to you to use this information to put a solution together for yourself.

The Case: A User is trying to create a column of rank for an input dataset. Like the [Rank function in SQL](#), we want to return the rank of each row within the partition of a result set. The rank of a row is one plus the number of ranks that come before the row in question. Please see the images below for an example.

Record #	Rating	
1	7	
2	7	
3	6	
4	5	
5	4	
6	4	
7	4	
8	3	
9	2	
10	2	
11	2	
12	1	

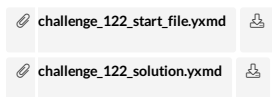
Ranking data

Record #	Rating	MTRank
1	7	1
2	7	1
3	6	3
4	5	4
5	4	5
6	4	5
7	4	5
8	3	8
9	2	9
10	2	9
11	2	9
12	1	12



Your Goal: Create a Rank column like the Rank function in SQL.

Best,
John Posada
Cloud Engineer



Data Preparation Intermediate Preparation

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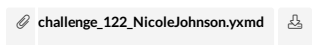
Reply

 NicoleJohnson
15 · Aurora

Happy Monday morning!! My solution :)

▷ Spoiler

Cheers,
NJ



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 challenge_122_start_file.yxmd 

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 **LordNeilLord**
15 - Aurora

I was trying to be clever and do this in one tool but I failed and resorted to using 2



▷ Spoiler

 challenge_122_LNL.yxmd 


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 **ACE estherb47**
15 - Aurora


Same approach as [@patrick_digan](#) and [@NicoleJohnson!](#)

 challenge_122_EHB_solution.yxmd 

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 **Prab**
7 - Meteor



Solution attached.

 challenge_122_prb.yxmd 

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 **ACE Kenda**
15 - Aurora

▷ Spoiler

 challenge_122_BarnesK.yxmd 

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 **jakevanhecke**
6 - Meteoroid

▷ Spoiler

 challenge_122_jvh.yxmd 

jvansistine
9 - Comet

Here's my approach. Interested to see how others approach it.

challenge_122_solved_jvs.yxmd

neilgallen
12 - Quasar

Pretty straightforward. I couldn't help but ensure a sort before starting..

↳ Spoiler

challenge_122_start_file_NGA Solution.yxmd

