

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

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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 #148: Rotating Century Puzzle



JoeM
Alteryx Alumni (Retired)

This week, we got a real puzzler of a puzzle. Before we talk a bit about it, a big shout out and thanks to [@patrick_digan](#), [@brianaburke002](#), and [@DultonM](#) for sending me this challenge and solution. If anyone here ever comes across a great challenge, feel free to message us with your idea! Some of our best challenges come from people like Patrick, Briana, and Dalton who come up against a problem and challenge themselves to solve it in Alteryx.



Let's try and solve this puzzle using Alteryx! There are 6 Rings in this puzzle, with 6 numbers in each ring. Notice that you can rotate the rings and get 6 different rows of data. For example, one row could have 22 in Ring 1 (outermost), 7 in Ring 2, 16 in Ring 3, 2 in Ring 4, 18 in Ring 5 and 4 in Ring 6 (innermost). Summing these up, that row has a value of $22+7+16+2+18+4=69$. The goal is to rotate the Rings until all 6 rows sum up to 100. For example, you could rotate it to get $15+12+13+26+5+29=100$, but the next row would necessarily be $20+14+32+8+34+6=114$. Can you rotate the Rings to the correct position?

[challenge_148_start_file.yxmd](#)



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JoBen
11 - Bolide

Cheers! This was a lot of fun!

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[challenge_148_Joben_Solution.yxzp](#)



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ACEjdunkerley79
ACE Emeritus

Fun one.

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 **CharlieS**
17 - Castor


The idea of an iterative macro got stuck in my head when I started. I was finished by the time I realized how inefficient the solution was. Oh well, it works.

 **Challenge_0148-CharlieS_Solution.yxzp** 

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 **robertlenius**
7 - Meteor

Couldn't figure out at first how to automatically get the answer, instead built a macro to mimic the rotations so you can play the game as it was intended.


▷ Spoiler

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 **sprodger**
8 - Asteroid

My Solution (not the neatest)

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 **JosephSerpis**
16 - Nebula


Challenge Completed

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 **EW**
11 - Bolide

Mine is a bit of a trainwreck, but it seems to get the job done. RIP, my brain!

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Solution attached.

 **challenge_148_JL.yxmd** 

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Didn't finish early enough today for the first approach to be a unique solution, so added another :)

» Spoiler

 **challenge_148_EHB_solution.yxmd** 

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