

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 #46: Formatting a Date from an Integer



GeneR
Alteryx Alumni (Retired)

The link to last week's exercise (exercise #45) is [HERE](#)

I love to share real world use cases as exercises. This week's exercise comes from a customer that had data coming from in a legacy system and needed to transform the date field for a new system. It is a straightforward exercise but shows how easily Alteryx can apply business logic to most any data transformation problem.

Use case: The Input contains dates formatted as year, month and day. In this case, the first character determines if the year should begin with 19 or 20. If the first character is 0 then the year starts with 19, and when the first character is 1 the year starts with 20. The remainder of the date following the 0 or 1 is the remaining year digits followed by month followed by day.

Objective: Please convert these strings into date formatted field.

[challenge_46_start_file.yxmd](#)



[challenge_46_solution.yxmd](#)



Basic Data Preparation Preparation

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Joe Mako
12 - Quasar

How about a formula expression of: DateTimeParse(Switch(Left([date],1),'0','19','1','20')+Right([date],6),'%Y%m%d')

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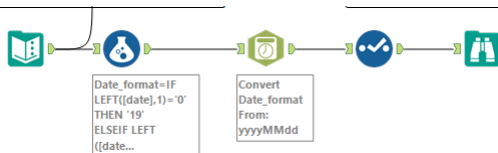


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LBhat
5 - Atom



one more approach

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TaraM
Alteryx

A solution has been posted

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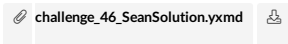
I AGREE

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Same approach as provided by [@LBhat](#)



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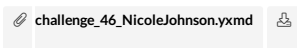


My solution...

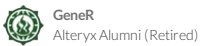
But someone please tell me I'm not crazy, and that this is exactly the same problem as Challenge #58... right?? I am doing these challenges in a bit of a random order, but I am having a total twilight zone moment because I JUST did this one, I kid you not, earlier today. :)

Rather than taking the easy way out, I took at shot at the one-tool formula method (basically just trying to be in the same cool one-tool club as [@Joe Mako](#) from #46 and [@MarqueeCrew](#) & [@JoeM](#) from #58...). Took a few tries (dates are not my forte), but eventually figured it out.

▷ Spoiler



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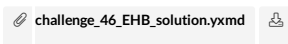
There was a duplicated assignment.

Gene Rinas

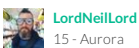
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Had fun with this one. Broke it into 2 steps in the formula tool to have shorter formulas to audit. Similar/same solution as others

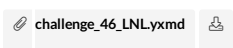


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Nice & simple

▷ Spoiler





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Working through the backlog of these as I get the chance.
Is it wrong to do these challenges in my free time, in place of going outside and interacting with the "real" world?
I need to get out more...

» Spoiler



 challenge_46_solution_CM.yxmd 

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