

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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[Weekly Challenge](#)

Challenge #19: Excel Record Locator



GeneR
Alteryx Alumni (Retired)

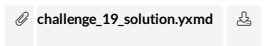
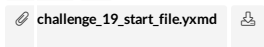
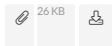
For this week's challenge we can look at using Alteryx to automate a repetitive task. The link to last week's challenge (challenge #18) is [HERE](#).

Use Case: Customer has 100's of xls files with 1 common sheet available in all workbooks. Through one process, the user would like to read across all of the xls files and return the values contained in specific cells - Row 2, Column 3 and Row 8, Column 2 for each sheet within each XLS workbook.

The result should be a table OR browse tool containing 3 columns: XLS File, Row2_ Column3, and Row8_Column2.

You will only have 2 xls files for this challenge, Book1 and Book2, but keep in mind that the use case is for 100s of Excel files with the same schema. You won't want to use 2 input tools since that would not scale to 100's. Also, for all data consumption, please check the box for First Row Contains Data. This is because in the headers for an Excel file are in row #1.

Good luck and keep it simple, this should be an easy challenge!



Basic Data Analysis Preparation Transform

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TaraM
Alteryx

The solution has been posted above.

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Tara McCoy

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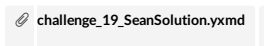
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ACE SeanAdams
17 - Castor

Provided solution from @GeneR and @TaraM is more direct - attached mine below

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ACE MarqueeCrew
19 - Altair

Yikes!

I missed the K.I.S.S. principle here.

Alteryx ACE & Top Community Contributor

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

 challenge_19_MarqueeCrew.yxmd 

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ACE NicoleJohnson
15 - Aurora

We actually used this one as a demo in a User Group meeting last year - just realized I already had the answer! Posted! :)

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ACE estherb47
15 - Aurora


Used a directory tool, dynamic input, and tile tool

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Laurap1228
11 - Bolide

My solution was the same as the one provided.


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LordNeilLord
15 - Aurora

Pretty much the same as the solution

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ACE mceleavey
17 - Castor

Ok, going through the back catalogue.
This was a nice and easy one and I assume everybody has done this in pretty much the same way:

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 **LordNeilLord**
15 - Aurora

Workflow

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