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!

SUBMIT FEEDBACK

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!

26 KB

26 KB

challenge_19_start_file.yxmd

challenge_19_solution.yxmd

Basic | Data Analysis | Preparation | Transform

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TaraM
Alteryx

The soultion has been posted above.

Spoiler

Tara McCoy

Share | 2 LIKES | Reply

SeanAdams
17 - Castor

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

Spoiler

challenge_19_SeanSolution.yxmd

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

Share 2 LIKES Reply

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! :)

Spoiler

challenge_19_NicoleJohnson.yxmd

Share 2 LIKES Reply

estherb47
15 - Aurora

Used a directory tool, dynamic input, and tile tool

challenge_19_EHB_solution.yxmd

Share 1 LIKE Reply

Laurap1228
11 - Bolide

My solution was the same as the one provided.

Spoiler

challenge_19_LP.yxmd

Share 4 LIKES Reply

LordNeilLord
15 - Aurora

Pretty much the same as the solution

Spoiler

Share 1 LIKE Reply

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:

Spoiler

bu:lien

Challenge_19_Solution_CM.yxmd

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LordNeilLord
15 - Aurora

Workflow

challenge_19_LNL.yxmd

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