

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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Free Trial

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 #72: Compare Data Sets (Fields/Columns)



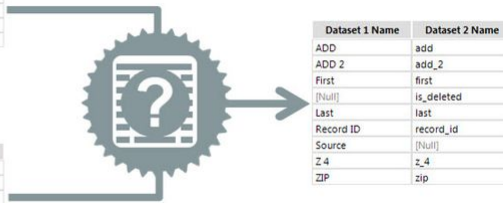
MattD

Alteryx Community Team

The solution to last week's challenge is [HERE](#)!

record_id	first	last	add	add_2	zip	z_4	is_deleted
279800079	JANICE	MILLER	11529 Job Ln	[Null]	80138	7108	n
280161751	KATHLEEN	GUY	871 Jobs Hill Dr	[Null]	80603	7757	y
281928180	HEATHER	LESTENKOF	3524 Jodie Beth Ct	[Null]	80910	4113	n
143156328	AMBERLE	HAMMICK	59 Jodoin Rd	[Null]	02852	2031	n
279539650	CATHERINE	SEARS	11911 Joe Sarle Pl	[Null]	80233	1546	n

Record ID	First	Last	ADD	ADD 2	ZIP	Z 4	Source
142705146	LASKA	CARTER-LEOPOLDO	43 POUND RD	[Null]	02891	5815	A
143050303	ISABEL	CARVALHO-FERREIRA	292 GRAND AVE	[Null]	02861	2161	A
143097137	ROBERT	DRAPEAU	40 OLD LOUISQUISSET PIKE	UNIT 104A	02896	8234	A
143405628	LUCILLE	GABORIAULT	34 MYRTLE AVE	[Null]	02910	5743	A
279538560	SHARON	SCOTT	11864 GARFIELD ST	[Null]	80233	[Null]	A



This week's challenge is inspired by [@SeanAdams' mastery of the Field Info Tool](#)! Can you follow in his footsteps to master the tool and use it in building a workflow that can compare two incoming data sets to see if they contain the same columns? Be sure to be sensitive to string case and any columns that have underscores substituted for spaces (i.e. "Store name" should match to "store_name")!

[challenge_72_start_file.yxmd](#)

[challenge_72_solution.yxmd](#)

Data Preparation | Developer | Intermediate | Join | Preparation | Reporting

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Natasha

9 - Comet

Thanks for the new challenge!

Spoiler

[challenge_72_NK.yxmd](#)

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Garrett

11 - Bolide

Very similar to Natasha's. Wish I would have thought to use Join Multiple for the join (would have cut out 3 tools!).

[challenge_72_start_file.yxmd](#)

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ACE SeanAdams
17 - Castor


Thank you [@MattD](#). Solution is a bit different from others, I built a macro a few weeks ago to compare column headers (with a bunch of options for case, column ordering, type etc), and then compare the rows in each column too. It produces 3 outputs, one of which is a report format output. I know that reusing work that was done a few weeks ago is probably a cheat, so I'll apologise up front.


I hope this macro is helpful for folk - it's saved me tonnes of time on the weekly challenges, comparing my results to those of [@MattD](#) and [@JoeM](#) (more info here: <https://community.alteryx.com/t5/Alteryx-Product-Ideas/Tool-to-compare-2-data-sets/idi-p/62520#M3950...>)

▷ Spoiler


3 more to go to the big 75 - and it looks like [@LordNeillord](#) is going to be very close to 75 in the next 2-3 weeks, so it may be a 4 way sprint to the final badge!

[@MattD](#) [@JoeM](#) [@LeahK](#) - you may have to cook up a badge for 100 challenges completed in a few weeks :-)


 challenge_72_Seansolution.yxzp



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Natasha
9 - Comet

[@SeanAdams](#) that's a very useful macro! Thanks for sharing it here

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jacob
6 - Meteoroid

Nice one! Never used the Field Info Tool before

▷ Spoiler

 challenge_72_j.yxmd



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ACE mceleavey
17 - Castor

Fairly straightforward, and a great illustration of the tool.

▷ Spoiler

bu:lien


 challenge_72_solution_CM.yxmd



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Simona
7 - Meteor

Nice challenge, I never used the field info tool before :)


► Spoiler

 challenge_72_start_file.yxmd 

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 **Natasha**
9 - Comet

[@mceleavey](#) Your solution is very similar to mine. By the way, you don't need a Select tool at the end as you can do it all in Join Multiple tool.

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 **ACE mceleavey**
17 - Castor

You are correct! Well spotted.



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