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!
SUBMIT FEEDBACK ▸

‹ Weekly Challenge

Challenge #142: Life Certainties - Workflows, Death, and Taxes

JoeM
Alteryx Alumni (Retired)

Last week's solution can be found here!

This week's challenge is around assigning the right income tax rate to each salary. Your goal is to count the number of people associated with each tax rate.

How many feel at tax time.

In our starting workflow, you'll find three datasets:
1) A grid of 100 employees from 26 companies. Before everyone gets worried, yes, I randomly generate this salary data and it is not representative of the population! Do note that each salary has a 'I' or 'J' representing whether this salary will be filed jointly or individually

2) A list of the company names
3) A tax table with the income rates. Notice that there is not a range in the tax table. You must infer the range based on when the next tax rate starts.

Easy Path:
1) Solve this problem as is.

Hard Path:
1) Do not use: Join, Crosstab, Transpose, Multi-field Formula, or Multi-Row Formula

📎 **challenge_142_start_file.yxmd** ⤓

📎 **challenge_142__solution.yxzp** ⤓

Basic   Data Preparation   Developer   Join   Preparation   Transform

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NicoleJohnson
15 - Aurora

Why take the easy path when you can do it the hard way? Which, coincidentally, is generally how I approach my taxes.

My solution! Complete with super cute piggy bank macro icon!

▷ Spoiler

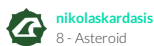Super fun challenge, @JoeM!! I really enjoyed this Monday morning brain teaser :)

Cheers!
NJ

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nikolaskardasis
8 - Asteroid

Hi all,

My (not at all efficient) solution but still within the rules!
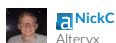
▷ Spoiler

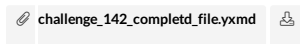🔗 **challenge_142_solution.yxmd** ⊞
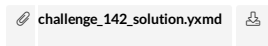
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NickC
Alteryx

Hello,

Why would you try and make it harder? Alteryx is all about making data challenges as simple as possible.

The real reason I didn't do the hard way was its 5:30pm and I'm a hungry lad.

Solution attached.

🔗 **challenge_142_completd_file.yxmd** ⊞

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cgoodman3
13 - Pulsar

Two macro solution. It's fun trying to find a harder solution (which is actually better than what I was trying to do the easy way), to make you think outside the box every now and then.
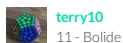
▷ Spoiler

Chris
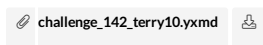Check out my collaboration with fellow ACE Joshua Burkhow at AlterTricks.com

🔗 **challenge_142_solution.yxzp** ⊞
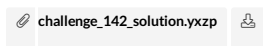
Share 👍 0 LIKES Reply

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terry10
11 - Bolide

I like regex!

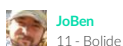▷ Spoiler

🔗 **challenge_142_terry10.yxmd** ⊞

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JoBen
11 - Bolide

Cheers! I went with the hard path, and here is what I came up with...

▷ Spoiler

📎 **challenge_142_Joben_Solution.yxzp**   💾

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a **WilliamR**
Alteryx

Using the second path and discovering a new tool.

📎 **challenge_142_WilliamR.yxmd**   💾

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ACE **ggruccio**
ACE Emeritus

Took the hard way!

📎 **challenge_142_gg_finish.yxmd**   💾

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JoeM
Alteryx Alumni (Retired)

@WilliamR, I put all the restrictions to see if I could get people to discover a tool that would make their life easier. It was not Arrange that I was aiming to have people discover, but when I was thinking about disallowing it for the 'hard' way, I decided it was also a handy tool to have exposure to. I just didn't think anyone would do it (except for the one and only @Joe_Mako of course)!

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La

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