

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 #80: Slowly Changing Dimensions



ChristineB
Alteryx Alumni (Retired)

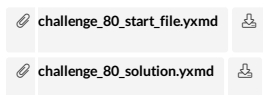
Last week's solution has been posted [here](#).

This week's challenge explores the problem of [Slowly Changing Dimensions](#), which some of you may be familiar with as you update existing or historical data with changes to those attributes. In this challenge, we'll be updating our log of [Jedi rankings](#) to reflect changes in Jedi levels, promotions, and retirements (yes, even the Jedi Knighthood has an HR department).

The challenge's Start file contains an input of the "Current Log", which includes data on an individual's level, when they started at that level, and when they completed that level. Records with an end date indicate either a promotion or a separation for that individual. The input "Today's Updates" includes the changes that take effect today: Bob has joined the Dark Side, Kaitlin and Richard have been promoted up the Jedi Ranks and Joe has joined the Jedi Knighthood. Your task: create a workflow that produces an updated list of the current Jedi ranks.



Use the Force....er...Alteryx!



Data Analysis Intermediate Join Preparation

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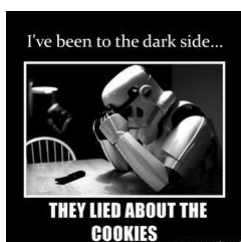
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ACE NicoleJohnson
15 · Aurora

My solution! Welcome to the Dark Side, Bob...



► Spoiler

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nick_ceneviva
11 - Bolide

Fun Challenge! Made the assumption that if a record successfully joins on both name and level then it is being included and should be closed. This is how Bob's record drops out.

▷ Spoiler



challenge_80_Ceneviva.yxmd

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patrick_digan
17 - Castor

▷ Spoiler



challenge_80_DIGAN.yxmd

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Joe_Mako
12 - Quasar

It is also good to verify the workflow logically, if Bob had more than one record in the Current Log, would it still work as expected?

▷ Spoiler



challenge_80_Joe_Mako.yxmd

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alex
11 - Bolide

"It's not impossible. I used to bull's-eye womp rats in my T-16 back home. They're not much bigger than two meters."

▷ Spoiler



challenge_80_AC.yxmd

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gnans19
11 - Bolide


Fun exercise to sharpen Join+Union combinations

▷ Spoiler



challenge_80_Gnans.yxmd

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ACE

MarqueeCrew

19 - Altair

@ChristineB

I must have been really slow. I couldn't understand the issue with Bob. Finally, I got it. I looked at how @NicoleJohnson solved hers and took it another direction. Her solution put light on the Bob issue. I won't say which runs faster, but since this is a slow exercise I'll say that NJ won that battle.

Cheers,
Mark

Alteryx ACE & Top Community Contributor


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

 challenge_80_(MarqueeCrew).yxmd 

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Iminors

9 - Comet

Solution attached. Added a 'Joined the Darkside' flag so that we could keep Bob's records but filter the traitor out when we want current Jedi details (this was based on there being an End Date in the update log).

 Spoiler

Luke
Alteryx Certified Partner and Jedi HR Manager

 WC80_LMSolution.yxzp 

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a_anderson

5 - Atom

This was a fun challenge!

 Spoiler

 Challenge_80_Adam_Adam.yxmd 

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