

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.

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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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## Challenge #302: International Bank of Awesome Data - Part I



**NicoleJohnson**

15 - Aurora

A solution to last week's challenge can be found [here](#).

This week we are launching a new partnership with the ACE program. [@NicoleJohnson](#) created a series of weekly challenges that will be posted in the next four weeks starting today. We hope you have fun!

The International Bank of Awesome Data is a new bank that prides itself on its ability to focus on the most important thing of all: THE DATA! With bank branches all over the world, IBAD is truly a global force to be reckoned with...er, they would be, if they could actually read their data.

Turns out, data is messy, even really really awesome data, and before you can do anything with it, you have to clean it up. So let's start out with some basic data preparation exercises, using some sample bank transaction files submitted to IBAD headquarters for monthly reporting by a dozen of their bank branches from around the world.

### THE CHALLENGE:

Each branch has apparently decided on their own format for their data extracts...so while each file "technically" contains the necessary information for our monthly reporting, the regions all have different formatted files that will need to be parsed out & cleaned up into a consistent format.

Some rules we need to apply to standardize our data outputs:

- Remove leading 0's and/or trailing whitespace from all fields EXCEPT Customer ID (Customer ID should always be 12 characters, NO SPACES, with leading 0's as needed)
- Bank Account Number should always follow the pattern of 6 digits - 8 digits - 2 digits (123456-12345678-12)
- Transaction DateTime should be in standard Alteryx datetime format (yyyy-mm-dd HH:MM:SS), and the data type for the field should be DateTime
- If there is not a Debit/Credit field, you can assume it is Credit (C) if there is a - sign present in the Amount field, otherwise it should default to Debit (D). \*\*
- Transaction Cleared Indicator data type should be Boolean

\*\* No modifications are required to the Amount and Opening Balance fields for now - we will clean up those fields in next week's challenge! \*\*

[Challenge\\_302\\_Start File.yxzp](#)



[Challenge\\_302\\_Solution File.yxzp](#)



Data Analysis Data Preparation Intermediate

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**Aaron\_Harter**

11 - Bolide

Thanks [@NicoleJohnson](#) for the fun challenge!

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[Challenge\\_302\\_AB Data\\_Aaron.yxzp](#)



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**Luke\_C**

16 - Nebula

Fun challenge

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**ACE RolandSchubert**  
16 - Nebula

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Great challenge. especially enjoyed the bonus-


 [Challenge\\_302\\_solution\\_rsc.yxzp](#) 

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**ACE Kenda**  
15 - Aurora

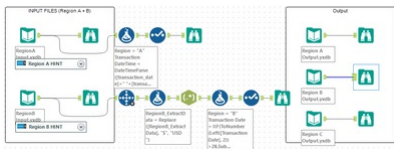
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Can't wait for the upcoming weekly challenges in the series!

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**davidhardister**  
8 - Asteroid



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**ACE patrick\_digan**  
17 - Castor

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**ACE ggruccio**  
ACE Emeritus

Thank you [@NicoleJohnson](#) ! I figured out all of the bonus/extra credit as well except for how to append the Bank ID - I couldn't seem to figure out the logic.

▷ Spoiler

 [Challenge\\_302\\_gg\\_finish.yxzp](#) 

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PhilipManning

15 - Aurora

Solution attached,

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 Challenge 302 - International Bank of Awesome Data - Part I.yxmd



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binuacs

15 - Aurora

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 Challenge\_302\_Solution\_BV.yxmd



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