

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.



SIGN IN



Free Trial

Weekly Challenge

Solve the challenge, share your solution and summit the ranks of our Community!

Also available in | Français | Português | Español | 中文

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 #37: Parsing a Raw XML File



GeneR
Alteryx Alumni (Retired)

The link to the solution for last challenge #36 is [HERE](#).

Using raw XML files as input can present some interesting challenges. The challenge is that the data is nested into the records in a way that requires you to extract it through parsing steps, sometimes drilling many levels into the data (Root and child levels). Alteryx makes this easier to do using the XML Parsing tool. We will explore the process in this exercise.

Use Case: A company receives customer purchase and shipping data on a weekly level based on web and catalog purchases. The company would like to analyze their customers and produce a profile by market by SKU. The challenge is that the data feed contains XML that needs to be parsed in order effectively analyze the data.

Objective: The column called customer_OuterXML contains the data that needs to be parsed into 25 unique fields detailing the customer contact information for both the "Bill To" and "Ship To" attributes.

Note: As of 9/11/2019, the Start file and Solution files were edited. Based on when you complete this challenge, you may see that the solutions posted here may reference a dataset that was previously available. Posted solutions (as files) using the previous dataset have been replaced with the Alteryx Academy logo to acknowledge that user's contribution that we can no longer share publicly.

[challenge_37_solution.yxzp](#)

[challenge_37_start_file.yxzp](#)

Data Analysis Intermediate Parse Preparation Transform

Share



7 LIKES

Reply



Naledi
7 - Meteor

► Spoiler

New to xml parsing. There's probably a simpler way to do it. Curious to see what everyone else comes up with.

Share



1 LIKE

Reply



markp201
8 - Asteroid

This is what I did but would also be interested if it can be done in fewer steps.

► Spoiler

Share



1 LIKE

Reply



simon
11 - Bolide


I have seen this exercise before!

This site uses different types of cookies, including analytics and functional cookies (its own and from other sites). To change your cookie settings or find out more, [click here](#). If you continue browsing our website, you accept these cookies.

Reject



I AGREE

LEARN MORE



simon
11 - Bolide

Ok found it.
Nice clean solution Mark. You can do it with 5 xml parse tools in one stream 😊

 8 KB 

Share


 0 LIKES

Reply



markp201
8 - Asteroid

Yes, it looked familiar to me also. Seems like there was a training video or class.

 8 KB 

Share

 0 LIKES

Reply



TaraM
Alteryx

A solution has been posted

▷ Spoiler

Tara McCoy

Share

 0 LIKES

Reply



SeanAdams
17 - Castor

My solution was similar to [@Naledi](#)

▷ Spoiler

Thank you for the exercise
Sean

Share

 1 LIKE

Reply



estherb47
15 - Aurora

Trying to to as little hard renaming as possible makes this a long workflow, and a great exploration of the XML parse tool.

▷ Spoiler

Share

 0 LIKES

Reply



NicoleJohnson
15 - Aurora

My solution!

Turns out not all parsing tools are created equal, and I do NOT like XML parse as much as RegEx. But I managed... Very similar to other solutions, although kudos to [@SeanAdams](#) on the point about the dynamic rename, that is definitely a better long term/adaptable solution.

▷ Spoiler

Share

 1 LIKE

Reply

