

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 #13: HTML Table Parsing



GeneR
Alteryx Alumni (Retired)

The link to the solution for last challenge #12 is [HERE](#).

For this challenge let's look at creating a multi-level hierarchy from employee-manager data. As always there are several ways to do this challenge, I have designated it as an advanced challenge because some of the more complex functions like RegEx can be used, but it is not absolutely necessary.

The use case:

We have HTML data that is in a single field, the HTML contains an HTML Table.

The input contains a series of name/value pairs within the description field. The description field has a HTML table that contains 14 name/value contained within <td> tags. Each pairing can be found on a different row (designated by the <tr> tag).

The objective is to produce a table containing the 14 name/value pairs.

Good luck, I look forward to your feedback.

Update: As of 9/20/19, the start and solution files were updated. Your solution may not match those posted by Community members prior to this date.

[challenge_13_solution.yxmd](#)

[challenge_13_start_file.yxmd](#)

Data Analysis | Difficult | Parse | Preparation | Transform

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TaraM
Alteryx

The solution has been uploaded.

Tara McCoy

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alex
11 - Bolide

I'm not familiar with HTML so I'm not sure how well my solution would work on other HTML examples. My bonus was that I got to use one tool in the laboratory menu!

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GeneR
Alteryx Alumni (Retired)

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Aguisande

14 - Magnetar

Good work Alex!

Another proof that there are a lot of ways to accomplish a goal in Alteryx!

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markp201


8 - Asteroid

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Naledi

7 - Meteor

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MarqueeCrew

19 - Altair

I'm not overly proud of this one @JoelM 🙄

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Alteryx ACE & Top Community Contributor

Chaos reigns within. Repent, reflect and restart. Order shall return.
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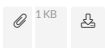
SeanAdams

17 - Castor

Kinda half-way between the provided solution from [@GeneR](#), and the solution from [@MarqueeCrew](#)

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NicoleJohnson

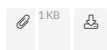
15 - Aurora

My solution. I might bookmark this one to practice again down the line when I feel a bit more comfortable with my XML Parsing & RegEx skills...

PS. @alex, the "Make Columns" tool has made my day. This will be SO useful for some of my work applications!! I went back & tested it out with my workflow on this challenge after I'd solved it with my original method, and it's so much cleaner, allows for fewer tools... Very cool tool!

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