

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 #99: SANTALYTICS 2017 - Part 3



TaraM
Alteryx

Share so loud and proud we hear it!
On twitter on community we wanna see it!
It's Santalytics time and we got the spirit!

Mad skills chillin, the solution's out
and that's what [community](#) is all about!

Part 3 of [#SANTALYTICS](#) is here! While we all love a great poster, nothing really happens when you touch it. Let's bring the Periodic Table of Alteryx tools into the [information age](#) and make it interactive!

Goal: Take a visualization from [Part 2](#) and make it easier to use, anyway you like! Here are some suggestions:

- Make it interactive.
- Lay it out differently.
- Classify the data your way.
- Include a legend/lookup table.

Share your new and improved periodic table in the social network of your choice! Use the [#SANTALYTICS](#) hashtag and holler at us [@alteryx](#).

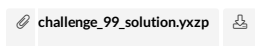
SANTALYTICS swag and the badge is attainable throughout 2017 - so tell your friends and co-workers!

After you have completed Part 3 and shared your cheer with the world, kick back and enjoy the rest of 2017. We'll be taking a break from Weekly Challenge until January 8, 2018 when we go live with Challenge #100. This gives you the chance to catch up on missed challenges or hone the skills you need to earn those crampons!



No one reaches the Lhotse Face without these!

Tara McCoy



Data Analysis | Difficult | Join | Parse | Preparation | Transform

Share



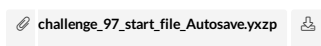
1 LIKE

Reply



ACE patrick_digan
17 · Castor

► Spoiler



Share



3 LIKES

Reply

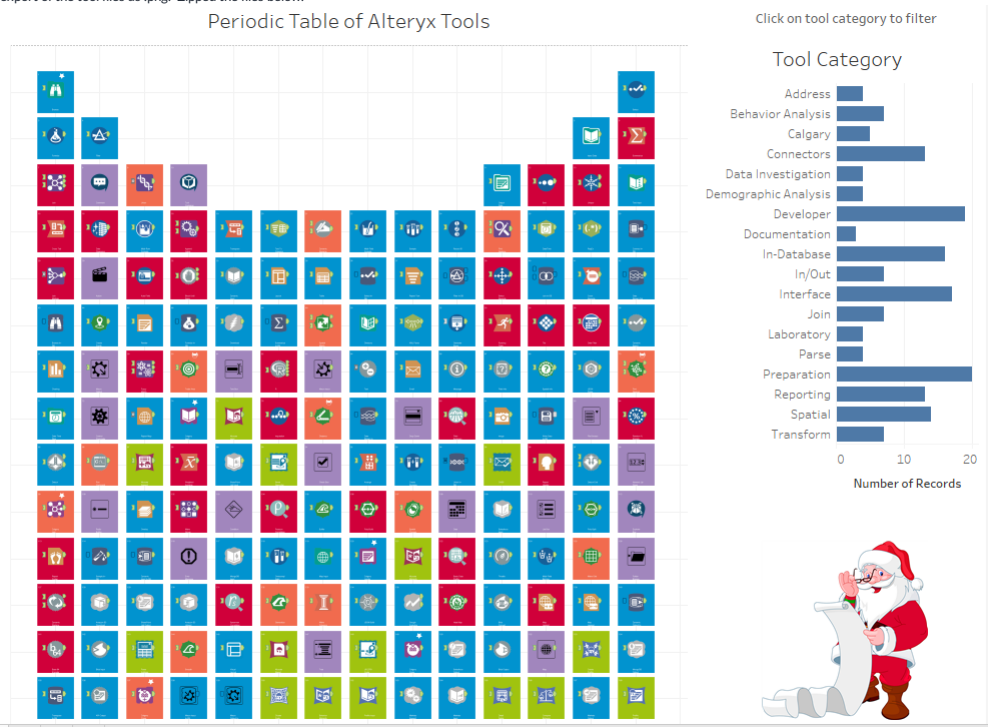
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Created an interactive dashboard in Tableau where you can click on the tool category and only the tools in that category show up. Hovering over the tools shows basic tool information. Included the Alteryx workflow showing writing of .tde and the export of the tool files as .png. Zipped the files below.





 Santalytics2017.7z 



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 Ilias
7 - Meteor

Hi,

Maybe somebody can help me out, I try to dynamically filter the output on Tool Category with a List Box in a macro. However this only works once, since the Replace a Specific String in the Update Value tool is overwritten. I'm fairly new to Alteryx and couldn't figure a solution that would work more than once. Any suggestions?

 Challenge 99 ili macro.yxmc 

 Challenge 99 ili.yxmc 

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 Ilias
7 - Meteor

Further testing revealed that my list box is only working when one box is ticked. A multiple selection is not passed through to the filter. What am I doing wrong?

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 ACE patrick_digan
17 - Castor

@Ilias In your action tool, You should change your separator from double to single quotes to match your start and end text. That looks like it would do it. You can use the interface designer > Test View > Open Debug to test out your macro and see what values it's actually replacing. You can see the quotes mismatch:

Filter (4) - Configuration

Basic Filter

[Pick Field]

=

Custom Filter

Variables

Functions

Saved Expressions

Fields

Constants

Expression:

[Tool Category] IN('Connectors','Data Investigation')

Challenge 99 ili macro.yxmc


Debug Workflow2*

Actions Log:

Started running C:\Users\Downloads\Challenge 99 ili ma

00:00:0.010 - Alteryx: The Condition Named = 'Always Rur

00:00:0.014 - Alteryx: The Action Named = 'Tool #6', Type:



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2 LIKES

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 Ilias
7 - Meteor

Patrick, thanks a lot. That was the only thing I didn't check, should use the debugger next time!

My final solution is attached.


Challenge 99 ili macro.yxmc

Challenge 99 ili.yxmc

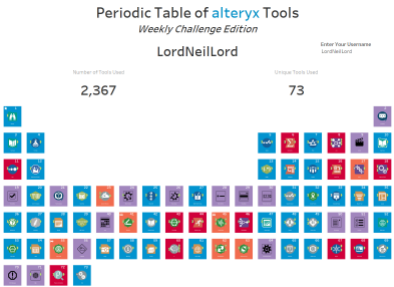
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1 LIKE

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 LordNeilLord
15 - Aurora

As we have a few weeks off, I decided to go all out on this one as a last bit of Alteryx effort for the year. So I made a personalised Periodic Table for all those who take part in the weekly challenges. See your own Periodic Table here: [Periodic Table of alteryx Tools - Weekly Edition](#)



I used the following steps to build this:

1. Scrape all of the Weekly Challenge links from the Welcome & Index Page
2. For each link calculate the number of pages and download all of the html
3. Within each downloaded page scrape all links to attached workflows
4. Download every workflow
5. Parse the XML from each workflow to extract the tool information
6. Re-jig the data ready for the final output to .tde

And here are the pics:

▷ Spoiler

Challenge_99_LNLyxdm

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A

C

E

NicoleJohnson


15 · Aurora

@LordNeillord - you, sir, are a wizard. That is AMAZING.

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LordNeillord

15 · Aurora

@NicoleJohnson it's amazing what you can achieve when you have nothing better to do

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