

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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Free Trial

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 #208: COVIZ-19



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

This week - let's do an interesting viz! We have sourced the RNA sequencing of SARS-CoV-2 (which is responsible for COVID-19) and would like to put it into a gridded visualization.

Since RNA is made up of the base pairs of G,T,A, and C, your visualization should have four colors. When creating the grid, try to order the sequencing from left to right: For example, the first base pairs are A-T-T-A. Make sure that A is row 1 column 1, T is row 1 column 2, and so on...

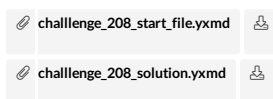
Make note of how many columns make up a row or what colors you select are entirely up to you (our solution has 178 columns)!

If you want to take it a step further, let's see if you can create something new entirely!

Data sourced from: <https://www.ncbi.nlm.nih.gov/nuccore/MN908947.3>

Inspired by:

https://www.reddit.com/r/dataisbeautiful/comments/fkwova/oc_rna_sequence_of_covid19_this_8kb_of_data...



Data Analysis | Difficult | Join | Parse | Preparation | Reporting

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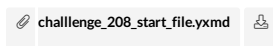
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17 - Castor

I went for a black and white pattern

[▷ Spoiler](#)



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Took me a few tries to land on this solution. Glad to see that my thought process matched [@patrick_digan](#)'s excellent first solution.

▷ Spoiler

<https://youtu.be/lxCS3vs1Bwk>

 **Challenge 208 Solution jve.yxmd** 



COVID-19 | I CAN ALTERYX THAT


youtu.be/lxCS3vs1Bwk

208] I Can Alteryx That: COVID-19 In this edition of I Can Alteryx That, we present a solution to weekly challenge #208, where we create a visualization of t...

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 **Aaron_Harter**
11 - Bolide

Certainly a topical weekly challenge:

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 **challenge_208_solution_AB Data Consulting_Aaron.yxmd** 

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 **PhilipManning**
15 - Aurora

Stuck indoors is a good time learn some Python

▷ Spoiler

 **Challenge 208 - COVID-19.yxmd** 

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 **RolandSchubert**
16 - Nebula

I have chosen a slightly different (and relatively simple) approach.

▷ Spoiler


▷ Spoiler

 **challenge_208_solution_rsc.yxmd** 

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 **RWvanLeeuwen**
10 - Fireball

As a molecular biologist, I think that this is a good challenge to get to know Alteryx and reporting but it holds no additional value.

Result in Alteryx
▶ Spoiler

Result in Tableau
▶ Spoiler

Workflow:
▶ Spoiler

challenge_208_start_file - RWvL.yxmd

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JennyMartin
9 - Comet

▶ Spoiler

Not 100% sure if I've approached this correctly but here's my video solution for it: <https://www.youtube.com/watch?v=0RuHrWVtWs&list=PL18SpOXDI-KMUD4YwWC5vZaUsIa7drxNZ&index=13&t=0s>

AWC208.yxmd



Alteryx Weekly Challenge 208: Building a heatmap in Alteryx
[youtube.com/watch?v=0RuHrWVtWs&list=PL18SpOXDI-KMUD4YwWC5vZaUsIa7drxNZ&index=13&t=0s](https://www.youtube.com/watch?v=0RuHrWVtWs&list=PL18SpOXDI-KMUD4YwWC5vZaUsIa7drxNZ&index=13&t=0s)

This week we're building a heatmap in Alteryx using COVID-19 data. Find the challenge here: <https://community.alteryx.com/t5/Weekly-Challenge/Challenge-208-COV...>

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Kenda
15 - Aurora

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challenge_208_start_file.yxmd

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TonyA
Alteryx Alumni (Retired)

My solution attached. Went a different route from most of the other solutions I've seen.

▶ Spoiler

challenge_208_TonyAv2.yxmd

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