

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

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 #282: Analyzing Earthquakes



AYX Academy

Alteryx

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

Earthquakes happen every day somewhere on the Earth. But how many? And what size are they? Let's find out! The provided dataset contains information about earthquakes between July 30, 2021, and August 6, 2021.

Using the dataset:

- Create a bar chart to show how many earthquakes occur at each magnitude ("mag").
- Create a map to locate these earthquakes.
- Find the five countries or regions with the most events and list the country, number of events, minimum magnitude, maximum magnitude for each country/region, and the day of most events.



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challenge_282_solution.yxzp

Intermediate Reporting Reporting & Visualization Spatial Spatial Analysis

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AngelosPachis

16 - Nebula

Nice challenge to kick off this week

Bar chart :

▷ Spoiler

Map:

▷ Spoiler

Workflow:

▷ Spoiler

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ACE patrick_digan

17 - Castor

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DaisukeTsuchiya
12 - Quasar



▷ Spoiler

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ACE RolandSchubert
16 - Nebula

▷ Spoiler

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Blake
12 - Quasar

The last time I experienced an earthquake, it left me shook.

▷ Spoiler



 challenge_282_start_file.yxmd 

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DW DeanWest
9 - Comet

Great way to practice some reporting tools to start off the week!



▷ Spoiler

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binuacs
15 - Aurora

▷ Spoiler

 challenge_282_solution_BV.yxmd 



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JasonHu
8 - Asteroid

Here is my submission.


» Spoiler

 challenge_282_my_solution.yxzp 

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kunderwood
8 - Asteroid

Great refresher on the Report Map tool! It took a few tries of RegEx and String functions to get the Day of Most Events right.

» Spoiler

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