

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!

[SUBMIT FEEDBACK](#)

[Weekly Challenge](#)

Challenge #107: Plot Employment Rates by Gender in the US



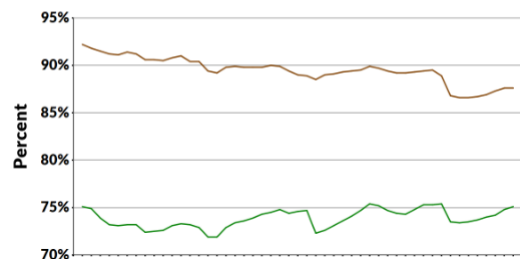
JoeM
Alteryx Alumni (Retired)

In honor of the new roll-out of the [Women of Analytics group](#), we decided to theme this week's challenge!

This [women's history month](#), let's analyze employment rates of men and women in the United states with [data from the Bureau of Labor statistics](#). One of the challenges will be navigating the difficult excel file structure of merged headers, and the other will be reporting on the overall percent of men and women in the workforce. Try to replicate the chart pictured in the output.

Women vs Men Employment Rates

[W](#)% of Women Full Time [M](#)% of Men Full Time



For more advanced users, try to calculate the slope of the employment rate and around what year the slopes are set to intersect assuming linear growth. Plot the trend lines on the report chart as well!

[challenge_107_start_file.yxzp](#)

Data Analysis | Difficult | Preparation | Reporting | Reporting & Visualization

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jamielaird
14 - Magnetar

► Spoiler

[challenge_107_JL.yxzp](#)

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LordNeillord
15 - Aurora

Wow [@jamielaird](#) that's got to be one of the quickest submissions ever!

[@LordNeillord](#)

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jamielaird


14 - Magnetar

I've got my email notifications finely tuned :-)

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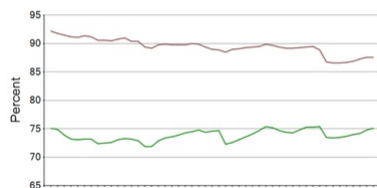
David-Carnes

11 - Bolide

OK, six tools total. I got a weird error trying to figure out the trends and don't have time to work on it.

Women vs Men Employment Rates

N% of Women Full Time *N*% of Men Full Time



▷ Spoiler

 David-Carnes_107.yxmd



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patrick_digan

17 - Castor

▷ Spoiler


 challenge_107_start_file.yxmd



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bdaniels

8 - Asteroid

Intermittent Charting tool Error but aside from that, good first experience with the tool

▷ Spoiler


 challenge_107_BD.yxzp



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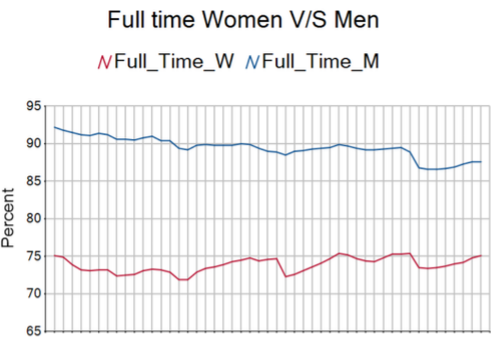
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DanielArenas

7 - Meteor

was stuck with plot but i finally made it.... kinda



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mmontgomery
8 - Asteroid

▷ Spoiler

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MJG
7 - Meteor

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