

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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[Weekly Challenge](#)

## Challenge #88: Counting Combinations



ChristineB  
Alteryx Alumni (Retired)

Wow! Thanks to everyone who posted their solution to last Week's Challenge [here](#)! It was great to see everyone's creativity and different approaches to solving a problem. We had some submissions for different locations (and hemispheres!), as well as some tweaks to put a unique analytical spin on the original problem. We also had some new Challengers! Woohoo!

This week's Challenge was inspired by a recent conversation I had with an Alteryx user at Inspire in London a few weeks ago. In this case, he wanted to figure out how many combinations of products he had in a dataset. We spoke about a few different approaches, and I'm curious to see how the Community responds to this Challenge. Have you had a use case where you've needed to accomplish something similar? What other tweaks can you think of that might make this Challenge relevant for other tasks?

The Input dataset contains a list of twenty (20) transactions. Each transaction contains a list of items that a customer purchased at the market. How many combinations of the same objects were purchased? In this case, the order does not matter. That is, the combination of "carrots, tea, shampoo" is the same as "shampoo, carrots, tea".

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challenge\_88\_solution.yxmd

Basic Data Preparation Preparation Transform

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David-Carnes  
11 - Bolide

► Spoiler

David Carnes - 088.yxmd

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patrick\_digan  
17 - Castor

► Spoiler

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Solution is attached and screenshot below:

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 **jdunkerley79**  
ACE Emeritus

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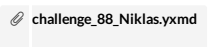
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 **Niklas**  
8 - Asteroid

Solution and picture

▷ Spoiler


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 **Iminors**  
9 - Comet

Nice simple solution. Wonder if it could be done with fewer tools. HMU if you manage a smaller workflow!

▷ Spoiler

Cheers [@ChristineB!](#)

Best,

Luke - Keyrus UK

WC\_88\_LMsolution.yxmd



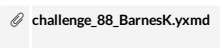
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 **Kenda**  
15 - Aurora

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 **Ukashi**  
8 - Asteroid

Nice challenge, second week, second challenge for me. Hopefully it will become a habit :)

» Spoiler


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 **samjohnson**

7 - Meteor

I think I followed a few others with my solution, which started as over-complicated, and then I remembered I could summarize on a concatenation.

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