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 #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".

challenge_88_start_file.yxmd

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

challenge_88_start_file.yxmd

challenge_88_start_filev2.yxmd

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Solution is attached and screenshot below:

Spoiler

challenge_88_Ceneviva.yxmd

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jdunkerley79
ACE Emeritus

Spoiler

challenge_88.yxmd

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Niklas
8 - Asteroid

Solution and picture

Spoiler

challenge_88_Niklas.yxmd

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lminors
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

Spoiler

challenge_88_BarnesK.yxmd

Share 2 LIKES Reply

Ukashi
8 - Asteroid

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

Spoiler

challenge_88_solution.yxmd

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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.

challenge_88_start_file.yxmd

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La