

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 #231: What a Combo!

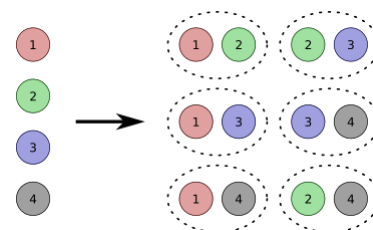


A solution to last week's challenge can be found [here](#).

This week's challenge was submitted by [@Kenda](#) - Thanks for your submission!

Mathematicians and statisticians often work with [permutations](#) and [combinations](#). In this challenge, we will focus on the latter. You are given 15 unique variables. The goal is to create a list of each of the combinations containing 3 variables (that is, 15C3). Remember, with combinations, order does not matter and the same variable cannot show up more than once in a given combination.

Since [@Kenda](#) is [vertical user](#), this week's challenge is also a vertical workflow!



Source: <https://commons.wikimedia.org/wiki/File:Combination.png>

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[challenge\\_231\\_solution.yxmd](#)

Data Analysis Intermediate Join Parse Preparation Transform

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Johnemery

10 · Fireball

Enjoyable challenge, but that vertical layout.... oof.

▷ Spoiler

View my solution video here:

▷ Spoiler

[Challenge 231 Solution jemery.yxmd](#)

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Blake

12 · Quasar

Nice challenge. [@Kenda](#)!

▷ Spoiler



Check out my video solution :

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 **atcodedog05**  
22 - Nova

Fun challenge. Knew combinations for a while, but this is the first i am implementing.  
Thank you for this challenge [@Kenda](#)  
got agree with [@johnemery](#) . Suddenly working with vertical flow is not easy.

▷ Spoiler

I wonder whether any other way of optimizer tool exist for this.  
Cheers and Happy Analyzing 😊



 [challenge\\_231\\_atcodedog05\\_solution.yxmd](#) 

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 **Aaron\_Harter**  
11 - Bolide



Thanks [@Kenda](#) for the fun challenge!  
While I respect the vertical canvas orientation, I switched my canvas to horizontal to fit my annotation style:

▷ Spoiler

 [challenge\\_231\\_AB Data\\_Aaron.yxmd](#) 

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 **phottovy**  
12 - Quasar

Here is my inefficient answer!  
 [challenge\\_231\\_ph\\_solution.yxmd](#) 


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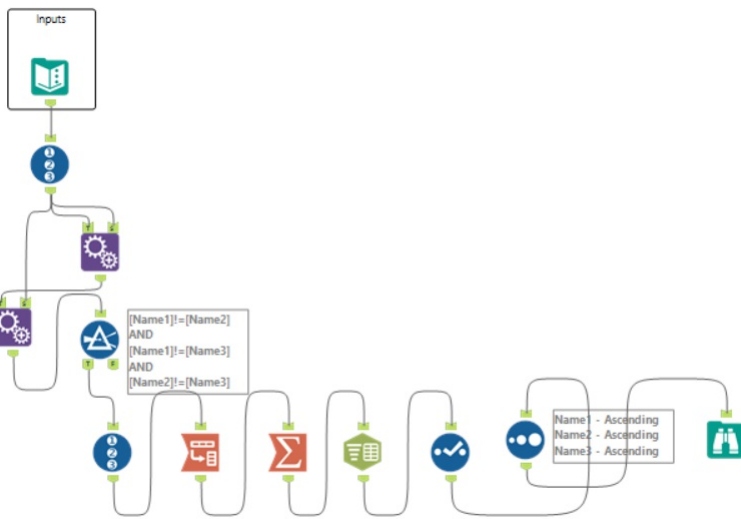
 **patrick\_digan**  
17 - Castor

▷ Spoiler

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 **Sashikumar**  
8 - Asteroid



i love it.

challenge\_231\_start\_file\_sk.yxmd

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**PhilipManning**  
15 - Aurora

Thank you @Kenda! Not yet a vertical convert, but will try it from time to time.

Spoiler

Challenge 231 - What a Combo.yxmd

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**PhilipManning**  
15 - Aurora

Solution using Python's marvelous itertools,

Spoiler

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La

