

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 #213: Optimized Flower Arrangements



AYX Academy  
Alteryx

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

A florist is making 10 flower arrangements for a party. He'd like to maximize the total number of flowers in each arrangement.

The florist has picked out the seven different kinds of flowers he'd like to include in each arrangement. Each arrangement needs to have between 4 - 8 of each flower, and between 3 - 4 filler greens.

His budget is \$950. How many of each flower should the florist order?



Source: <https://www.gardenista.com/posts/flower-arranging-101-a-crash-course-for-the-uninitiated/>

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challenge\_213\_solution.yxmd

Intermediate Predictive

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**ACE** RolandSchubert  
16 - Nebula

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Interesting challenge ...

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Johnemery  
10 - Fireball

I've never used that tool before. Good practice with an unfamiliar tool. Reminds me of my Excel Solver days.

► Spoiler

Watch my solution video here:

► Spoiler

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**Aaron\_Harter**  
11 - Bolide

The Tool Mastery article is a great resource for learning about the Optimization tool - <https://community.alteryx.com/t5/Alteryx-Designer-Knowledge-Base/Tool-Mastery-Optimization/ta-p/3061...>

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**dsmdavid**  
11 - Bolide

One of these days the optimization tool will just "make sense". Still not quite there...

► Spoiler

 david\_213.yxmd



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**JeremyGonzva**  
8 - Asteroid

This tool remains a complete mystery for me.  
Without the help and tool mastery pages, it would have been impossible to use

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**Jean-Balteryx**  
16 - Nebula

Here is my solution !

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**patrick\_digan**  
17 - Castor

I would echo [@dsmdavid](#)'s sentiment

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**MJ**  
8 - Asteroid

Never used this one before 😊  
Very helpful to walk through the Sample Workflows > Predictive Tool Samples > Prescriptive Analytics > Optimization Input Modes and also reference the Tool Mastery article.

▶ Spoiler


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**abrouwer**  
8 - Asteroid

See my solution attached.

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