

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!

Also available in | Français | Português | Español | 中文

### 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 #15: Warehouse Shipped Miles



GeneR  
Alteryx Alumni (Retired)

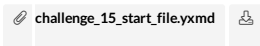
Here is a new challenge for this week, it is a continuation from last week's warehouse distribution challenge. If you did not complete last week's challenge don't worry, you will not need any output from part one to complete this part. The link to the solution for last week's challenge is [HERE](#). I posted two solutions for last week's challenge. The first is a solution without a macro and is in my opinion a more straight forward approach to solving the problem. I included the second macro approach because it is an excellent example of how to utilize an iterative macro.

The use case:

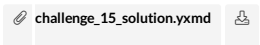
Based on data from last week's warehouse distribution challenge, we want to calculate the total shipped miles per item. The products are available from 3 different warehouses, lat/lon data is provided for each warehouse and each store location.

Your goal is to find the total distance travelled as straight line miles for each item based on it being shipped from the closest warehouse.

Good luck, I hope you are having fun with these challenges and expanding your knowledge of Alteryx. Thanks to all that have provided feedback.



challenge\_15\_start\_file.yxmd



challenge\_15\_solution.yxmd



Basic Join Preparation Spatial Spatial Analysis Transform

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TaraM  
Alteryx

The solution to this exercise has been uploaded.

Tara McCoy

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ACE MarqueeCrew  
19 - Altair

[@JoeM](#)

Not many takers on this challenge.

Alteryx ACE & Top Community Contributor

Chaos reigns within. Repent, reflect and restart. Order shall return.  
Please [Subscribe](#) to my YouTube channel.



challenge\_15\_MarqueeCrew.yxmd



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->) so I did it the hard way, but glad to have learned from the solution provided.

▷ Spoiler

 challenge\_15\_SeanSolution.yxmd



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 **ACE NicoleJohnson**  
15 - Aurora

Brushing up on my (basically nonexistent) Spatial skills in advance of the Grand Prix... :)

▷ Spoiler

 challenge\_15\_NicoleJohnson.yxmd





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 **ACE estherb47**  
15 - Aurora


 challenge\_15\_EHB\_solution.yxmd



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 **Laurap1228**  
11 - Bolide

My solution was the same as the one posted.

▷ Spoiler

 challenge\_15\_LP.yxmd



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 **JustinMatthews**  
6 - Meteoroid

Never needing to use spatial tools for my current job, this challenge was very insightful for me. And just simple enough :)

▷ Spoiler


 challenge\_15\_start\_file with my solution.yxmd



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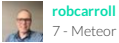
 **LordNeilLord**  
15 - Aurora

solution


▷ Spoiler

 challenge\_15\_LNL.yxmd





My Solution. First spatial challenge

 challenge\_15\_solution.yxmd

