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 #48: Calculating Distribution Priority

GeneR
Alteryx Alumni (Retired)

The link to last week's challenge is HERE.

Use Case: There are 3 warehouses across the US that supply 26 retail locations. The retailers have products/items that are in high demand and, as a result, out of supply within their stores.

Your job as a distribution manager is to allocate as much product from the warehouses as possible, but there are a few constraints:

1. A retailer location can only be supplied by the nearest warehouse.
2. Prioritization of product allocation across retailers is dependent on required product/item need at the location. For example, is there higher priority where there is the highest required?

Objective: Allocate as much product from the 3 warehouses as possible to the 26 retail locations

challenge_48_start_file.yxmd

challenge_48_solution.yxmd

Intermediate | Join | Preparation | Spatial | Spatial Analysis | Transform

Share | 10 LIKES | Reply

LBhat
5 - Atom

Missed the answers.

Share | 0 LIKES | Reply

LBhat
5 - Atom

Spoiler

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TaraM
Alteryx

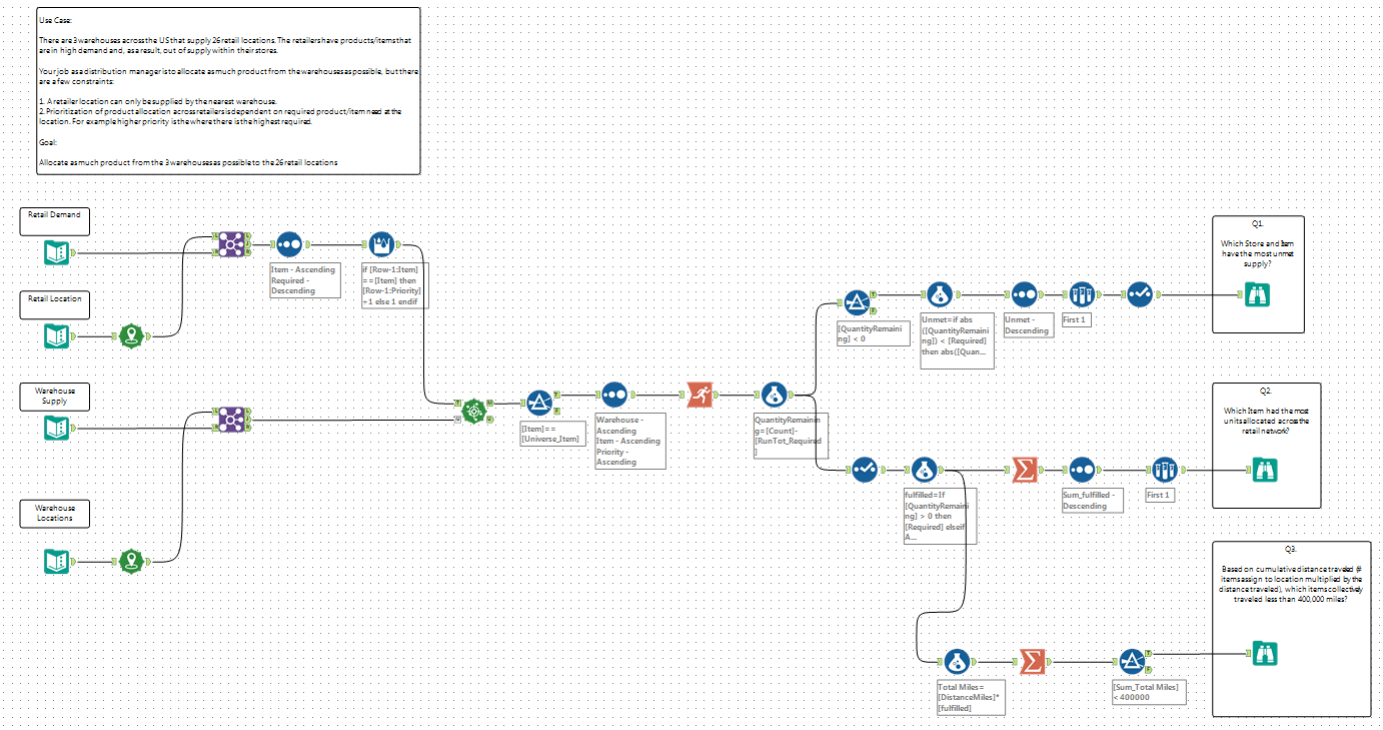
Nice work @LBhat! I moved your solution image into a spoiler tag so as not to give it away! I think this was the fastest solution turn around we've had to a weekly exercise.

Tara McCoy

Share | 1 LIKE | Reply

Alteryx Community Team

Here's a solution:



Share 0 LIKES Reply

NicoleJohnson
15 - Aurora

Solution!

▷ Spoiler

challenge_48_NicoleJohnson.yxmd

Share 3 LIKES Reply

SeanAdams
17 - Castor

Slightly more complex answer

▷ Spoiler

challenge_48_SeanSolution.yxzp

Share 1 LIKE Reply

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estherb47
15 - Aurora

similar approach to others, with the individual tools (to make it different than the iterative macro exercise)

challenge_48_EHB_solution.yxmd

Share 0 LIKES Reply

LordNeilLord
15 - Aurora

Well that took longer than expected:

Spoiler

challenge_48_LNL.yxmd

Share 1 LIKE Reply

patrick_digan
17 - Castor

Very similar to others

Spoiler

challenge_48_start_file.yxmd

Share 0 LIKES Reply
