

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 #149: Market Overlap



JoeM

Alteryx Alumni (Retired)

We are 1 week out from challenge 150! Yes, that's right, a new badge is available starting next week for those we are up to date on all challenges!

In this week's challenge, we are going to be doing some calculations for market overlap!

Objective:

A retailer wants to analyze overlap for his current location's trade area against future locations.

1: For each proposed location, determine the % overlap of the existing location (e.g. if a proposed location overlaps 60% of the existing store's TA, the answer is 60%).

2: determine what % of current customers live inside each of the proposed trade areas

Summary of Data:

Proposed Locations polygon layer

Current location polygon layer

Current Customers

Hints: Customer Lat/Longs are integers

When joining to check your answer, don't join on a Double or Float.



challenge_149_start_file.yxmd



Intermediate

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Preparation

Spatial

Spatial Analysis

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ACE CharlieS

17 - Castor

Love the spatial challenges!



Challenge_0149-CharlieS_Solution.yxmd



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JoBen

11 - Bolide

Cheers!

► Spoiler



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 **CamodCPA**
8 - Asteroid

This was a fun one!

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 **jdunkerley79**
ACE Emeritus


Went for a Spatial Formula approach...

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 **kat**
12 - Quasar

Spatial challenges are always great :)

▷ Spoiler


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 **JosephSerpis**
16 - Nebula

Challenge Completed


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 **EW**
11 - Bolide


This was fun! Spatial challenges are great.

▷ Spoiler



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 **rfergus**
8 - Asteroid

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challenge_149_Ryan Fergus.yxmd

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