

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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Free Trial

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 #175: Tire Size Calculator



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

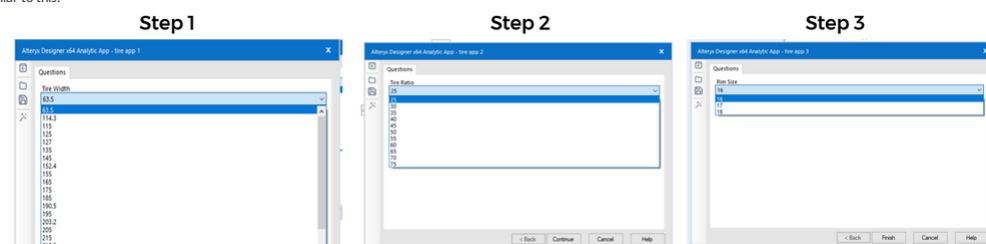
Tires: they smell bad and can be expensive, but we all need them. For being a basic piece of technology, they have a huge impact on arriving safely at your destination. For instance, the "contact patch" refers to the amount of a tire contacting the surface of the road. The size of a contact patch has a huge impact on stopping distance, traction, and even fuel economy. It's a similar story with tire height.

When looking for new tires, it can be useful to get information about a tire's width and height. Many sites have "tire calculators" which allow a user to enter a tire's size in a standard format and view more information on that tire. The standard format for tires is tire width in millimeters, a percentage of that width as the sidewall's height, and the radius of the rim in inches (e.g. 285/70/R17 is a 285mm wide tire, with a sidewall size of 199.5mm (285*.7), and fits on a 17" rim).

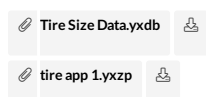
For this week's challenge, create a chained app to allow users to enter tire size information and view the additional information on file. Update the next field after the user makes a selection so that only existing options are available.



Your app interface should look similar to this:



Create a three-step app to find tires based on width, sidewall height, and rim radius.



Apps | Difficult | Interface | Parse | Preparation | Transform

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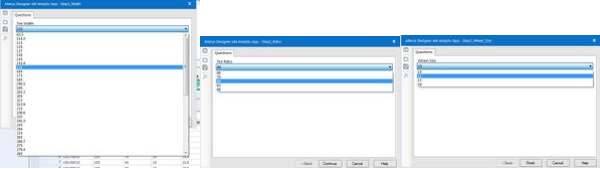
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 **step0.yxzp** 

  0 LIKES 

 **ACE JosephSerpis**
16 - Nebula

Challenge Completed



 **Challenge_175_Joe_Serpis.yxzp** 



  0 LIKES 

 **ACE NicoleJohnson**
15 - Aurora

My solution! Went with an intro question as well so that I didn't have to have manual inputs in my first drop down (used the first app to create the grouped values for the second chained app to use in the dropdowns).

 Spoiler



Cheers!
NJ

 **challenge_175_NicoleJohnson1.yxzp** 

  1 LIKE 

 **ACE patrick_digan**
17 - Castor



 Spoiler

 **Challenge 175.yxzp** 


  0 LIKES 

 **rbirch**
5 - Atom

Solution to challenge #175.



 **Step 1.yxzp** 

  0 LIKES 


 **Reesetrain2**
8 - Asteroid

All,
My submission:

 Spoiler

 Challenge_175_Reetrain_Submission.yxmd 

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 **Alekh**
8 - Asteroid

First chained app challenge?

 175.yxzp 

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 **Ladarthure**
14 - Magnetar



Hi @Reetrain2, another way to do that is to chain apps, it may be a bit longer to design, but not that hard!

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 **Martyn**
9 - Comet

Another nice challenge.

↳ Spoiler

 Challenge_175_Step_1.yxzp 

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