

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

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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 #254: DATA-DRIVEN COCKTAIL RECIPE - PART 1



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

We're celebrating the launch of a new Alteryx podcast, [Top Shelf Data Science](#), in our Weekly Challenges today and next week!

Top Shelf will feature a variety of expert guests who are driving innovation in the field, in conversation with [@SusanCS](#), data science journalist for the Community. You'll hear technical details of their work and their personal stories of doing "top shelf" data science.

Join in the fun and figure out the details of our "data-driven" cocktail recipe in this challenge, and get the rest of the components and instructions next week. You'll use a range of tools for these challenges, including some predictive tools. But don't worry, we'll be sticking to their default settings. It's like a wine or whiskey tasting — just a sampling — that we hope both predictive newbies and connoisseurs will enjoy.

Both challenges use a [Kaggle dataset](#) of cocktail recipes. You'll need this PDF of the recipe to fill in as you work. Next week we'll give you the full answers so you can make sure your cocktail is the perfect blend.



alteryx
Data-Driven Cocktail

Amount	Ingredient
Step 1:	Market basket analysis ingredient 1
Step 2:	Second most frequently occurring ingredient
Step 3:	Naive Bayes classifier ingredient (if any)
Step 4:	Test for statistical significance (if any)
	Market basket analysis ingredient 2

first three ingredients in a cocktail shaker filled with ice.

Strain into a _____ filled with ice.

Type of glass: _____

Add _____ and garnish with _____

Ingredient 4 above Ingredient 5 above

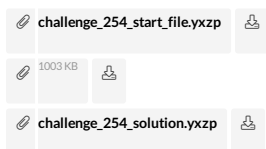
For this week's challenge, you'll need to use the market basket ("MB") tools and the Naive Bayes classifier tool, among others. Here are some resources that might help if these tools are new to you or you'd like a refresher:

- Market Basket: [MB Rules](#) and [MB Inspect](#) tools help documentation; Market Basket [101](#) and [102](#) on the Data Science Blog
- Naive Bayes Classifier: [help documentation](#)

Remember, we're not trying to tune and refine models here; we're just getting a taste for how the predictive tools work. So you can leave the tools' settings on their default options, unless otherwise directed, and use the results you obtain to complete the recipe.

Finally, if you haven't yet done so, you'll need to [install the R predictive tools](#) for this challenge and next week's challenge.

Prep that cocktail shaker, fire up your favorite podcast app, and get ready for an educational, enlightening happy hour!



Intermediate Join Predictive Predictive Analysis Preparation Transform

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Spalders
8 - Asteroid

I think I am ready for Part 2... (however this is certainly new territory)

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ACE OllieClarke
14 - Magnetar

Fun challenge - can't wait til next week 😊

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phottovy
12 - Quasar

Excited to see next week!

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PDF (so far?)

▷ Spoiler

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LHolmes
9 - Comet

Super fun to utilize some of the predictive and market basket tools. Can't wait to finish off the recipe for next week.

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▷ Spoiler

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kelvinlaw
8 - Asteroid

Here is my workflow and answers:

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Kenda
15 - Aurora

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atcodedog05
22 - Nova


Market Basket analysis is definitely new segment. This was a great exposure.

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» Spoiler

Cheers and Happy Analyzing 😊


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BeginnerMindset
8 - Asteroid

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