

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 #139: Spooky API Connection



JoeM
Alteryx Alumni (Retired)

Last week's solution can be found [here](#)!

Who's ready for halloween?

Ok, maybe the API isn't inherently spooky - it's one of the simpler ones out there! What is 'spooky' about it is understanding candy consumption of children this week!



For any parents out there, you might be wondering what the nutrition stats look like when your child dumps all his/her goodies out the pillow case and marks short work of the sweets. More often than not, the small distributed candies do not have nutritional facts to review. Alteryx to the rescue! Using USDA API, try to calculate how many calories we've collected in out bag.

- 1) Sign up for the USDA NDB API (sub 30 sec) <https://ndb.nal.usda.gov/ndb/doc/index>
- 2) Read up on the documentaion <https://ndb.nal.usda.gov/ndb/doc/apilist/API-FOOD-REPORTV2.md>
- 3) Using the Bag Data (Candy x Qty), lookup the NBD IDs and create ONE and only ONE request (use basic response type).

Hints for solution:

- 1) We only filtered 'nutrient.x.measures' out and just kept
- 2) Kcal is a calorie

[challenge_139_start_file.yxmd](#)



Data Analysis Data Preparation Intermediate Join Parse Preparation Transform

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ACE patrick_digan
17 - Castor

► Spoiler

[challenge_139_start_file.yxmd](#)



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ACE

cgoodman3

13 - Pulsar

Spent too long parsing the json data out.

▷ Spoiler

Chris
Check out my collaboration with fellow ACE Joshua Burkhaw at [AlterTricks.com](#)

 challenge_139_solution(upload version).yxmd



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ACE

cgoodman3

13 - Pulsar


I get the same answer as [@patrick_digan](#) if I amend the spelling to Atomic Fireballs.

Chris
Check out my collaboration with fellow ACE Joshua Burkhaw at [AlterTricks.com](#)

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kcgreen

8 - Asteroid

My answer doesn't match the given solution but I get the same as Patrick_Digin.

▷ Spoiler

 challenge_139_APLyxzp



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augustj

5 - Atom

I feel like I may have some extra steps but I came up with the same answer.

 challenge_139_solution.yxmd



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JoeM


Alteryx Alumni (Retired)

The fat-fingered data entry accounts for our dependencies! Thanks [@patrick_digan](#) for always keeping me on the straight and narrow! The start file has been updated.

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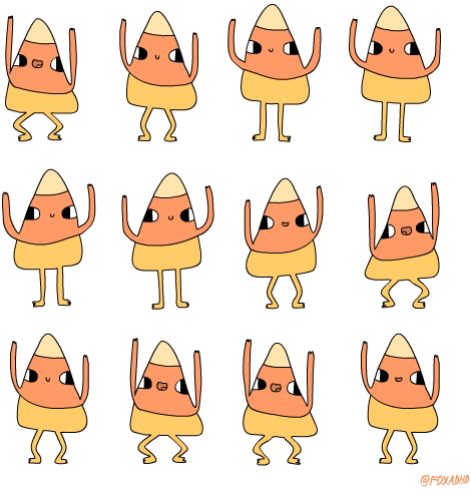
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kat

12 - Quasar



▷ Spoiler

 Challenge #139.yxmd



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jasperlch
12 - Quasar

Solution attached

 challenge_139_JL.yxmd



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JEBS
6 - Meteoroid

My solution assumes that Atmoic Fireballs !=! Atomic Fireballs

BR
Jeppe

 challenge_139_start_file_solution.yxmd



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