

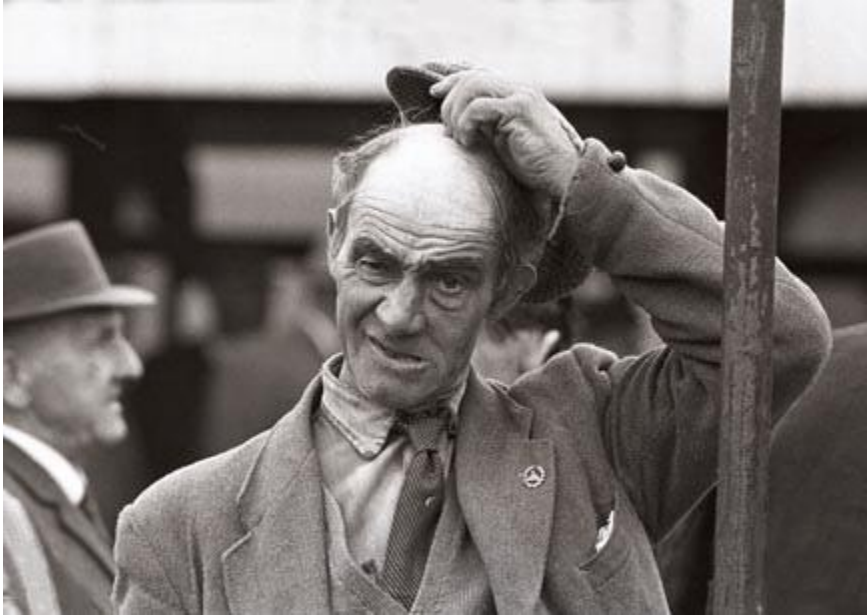


Sound Tasty?

Jacob Crabb



# The Problem:









There's yummy food you  
don't know about


I'm digging for  
chicken nuggets!






# Web Scrape 914 Recipes From Allrecipes.com


 BROWSE ▾  Ingredient Search     Create a profile 




**Our Best Korean Chicken Recipes**  
If you're looking for something deliciously different to make with chicken, here you go.




**365+ Ways To Cook Lamb**  
Grilled, skewered, in burgers, as chops: find a new favorite way to enjoy lamb.




*Sizzling Sun*  
SWEEPSTAKES  
**WIN \$5,000**  
Enter Now For A Chance To Win  
You could win \$5,000 and 1 year of free delivery!




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Slow Cooker Recipes



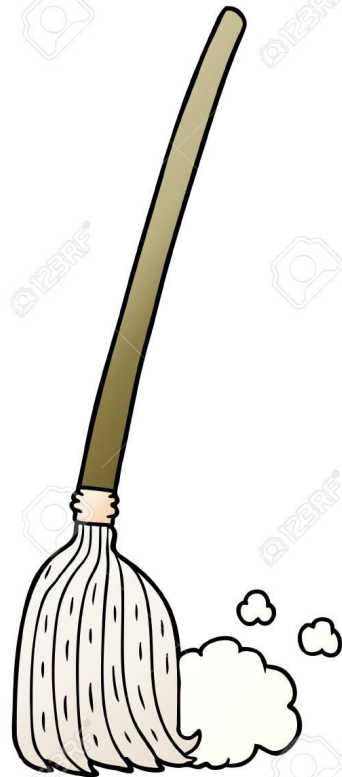
Vegan Recipes



World Cuisine

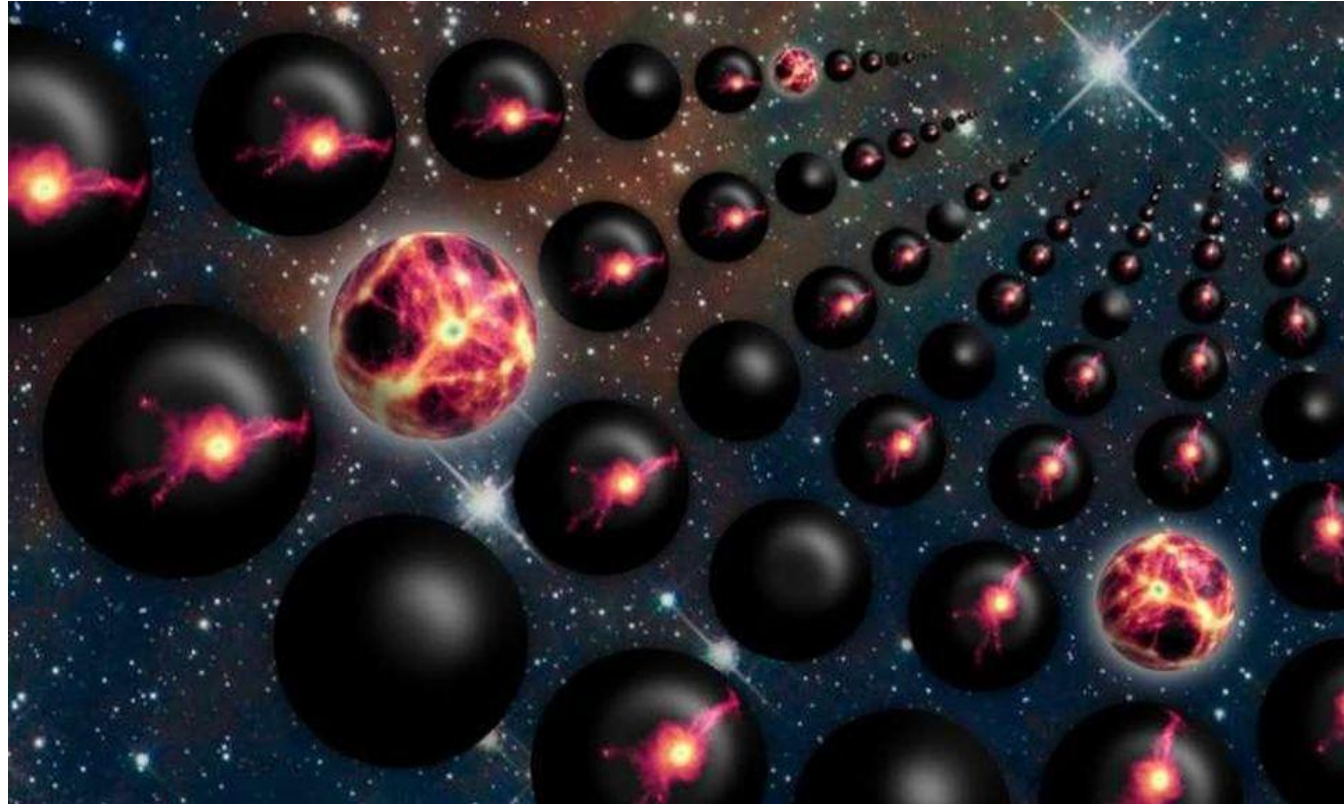
# Clean up

- Remove stop words
- Remove measurements



# Vectorize Ingredients

Is this the  
Sweet or  
Salty  
Dimension?







Find similar  
ingredient vectors  
with Gensim

$$\text{🍷} + \text{🍷} + \text{🍷} = 30$$

$$\text{🍷} + \text{🍔} + \text{🍔} = 20$$

$$\text{🍔} + \text{🍺} + \text{🍺} = 9$$

$$\int_{\text{🍷} + \text{🍔}}^{\infty} \frac{\text{🍷} \sin(\text{🌯})}{\text{🍺} \text{🌯}} d\text{🌯} = ?$$

Recommend recipes with  
those ingredients:





Deployed to flask app: at <http://52.13.18.187/>



To the skies!

Next steps:

Get more data!

x2



Improve Data Cleaning:



**Thanks!**

**Jacob Crabb**



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