



All the recipes:
Scraping the top 20 recipes of
Allrecipes for the last 20 years

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Introduction

- Allrecipes is the most popular recipe website (eBzMBA)
- Website has been around since 1997 (ancient)
- Is not known for ‘foodie’ recipes but for go to for the average American.
- Every year, allrecipes releases the top 20 recipes of the year.
- Motivation: Use the top 20 list as representation of food trends, and gain insights.

Hall of fame recipes

allrecipes.com/recipes/14452/everyday-cooking/special-collections/hall-of-fame/ pd.to_csv

BROWSE Find a recipe Ingredient Search Create a profile

Home > Recipes > Everyday Cooking > Special Collections > Hall of Fame >

Hall of Fame Recipes

These Hall of Fame recipes have earned five-star ratings, hundreds of rave reviews from home cooks, and a lasting place on the Allrecipes Top 20 list of favorites.

Subcategories



Hall of Fame
1997



Hall of Fame
1998



Hall of Fame
1999



Hall of Fame
2000



Hall of Fame
2001



Hall of Fame
2002



Hall of Fame
2003



Hall of Fam
2004

Recipes Sort by: Popular ▾

Hall of fame 1997

Home > Recipes > Everyday Cooking > Special Collections > Hall of Fame > Hall of Fame 1997 >

Recipes

Sort by: Popular ▾



Recipe of the Day

Chocolate and Almond Biscotti

★★★★★ 51

Lots of chocolate chips make this biscotti irresistible.

Recipe by C. Anderson



Allrecipes Magazine

Handpicked recipes, party ideas, how-to articles and cooking tips—with gorgeous, full-page photos to inspire you. Get a full year for \$7.99.

 Posted by Allrecipes
2m 921 60

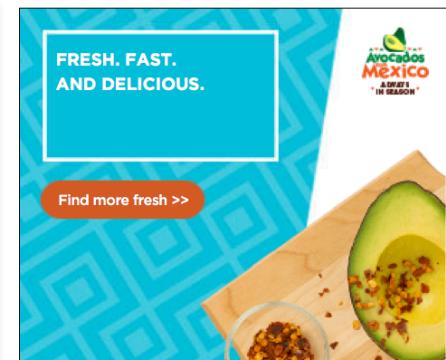


Easy Sugar Cookies 

★★★★★ 5K

Quick and easy sugar cookies! Terrific plain or with candies in them. This recipe uses basic ingredients you probably already have.

Recipe by Stephanie



ADVERTISEMENT



Chewy Chocolate Cookies I

```
urls = html_list.find_elements(By.CLASS_NAME, "favorite")
for i, e in enumerate(urls):
    id.append(e.get_attribute('data-id'))
    urls[i] = 'https://allrecipes.com/recipe/' + str(id[i])
```

Outrageous Chocolate Chip Cookies



450 made it | 1699 reviews

Recipe by: Joan

"A great combination of chocolate chips, oatmeal, and peanut butter."



294



Save



I Made It



Rate it



Share



Print

Ingredients

+ 1/2 cup butter

+ 1 cup all-purpose flour

+ 1/2 cup white sugar

+ 1 teaspoon baking soda

Market Pantry Granulated Sugar - 4lbs

\$2.59

[SEE DETAILS](#)

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+ 1/3 cup packed brown sugar

+ 1/4 teaspoon salt

+ 1/2 cup peanut butter

+ 1/2 cup rolled oats

+ 1 cup semisweet chocolate chips

+ Add all ingredients to list

25 m 18 servings

207 cals

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Directions



Prep
15 m

Cook
10 m

Ready In
25 m

Print Watch

You might also like



Triple Chocolate Chip Cookies

5

Scraped using Python (Selenium), cleaned data through iPython and stored in MongoDB

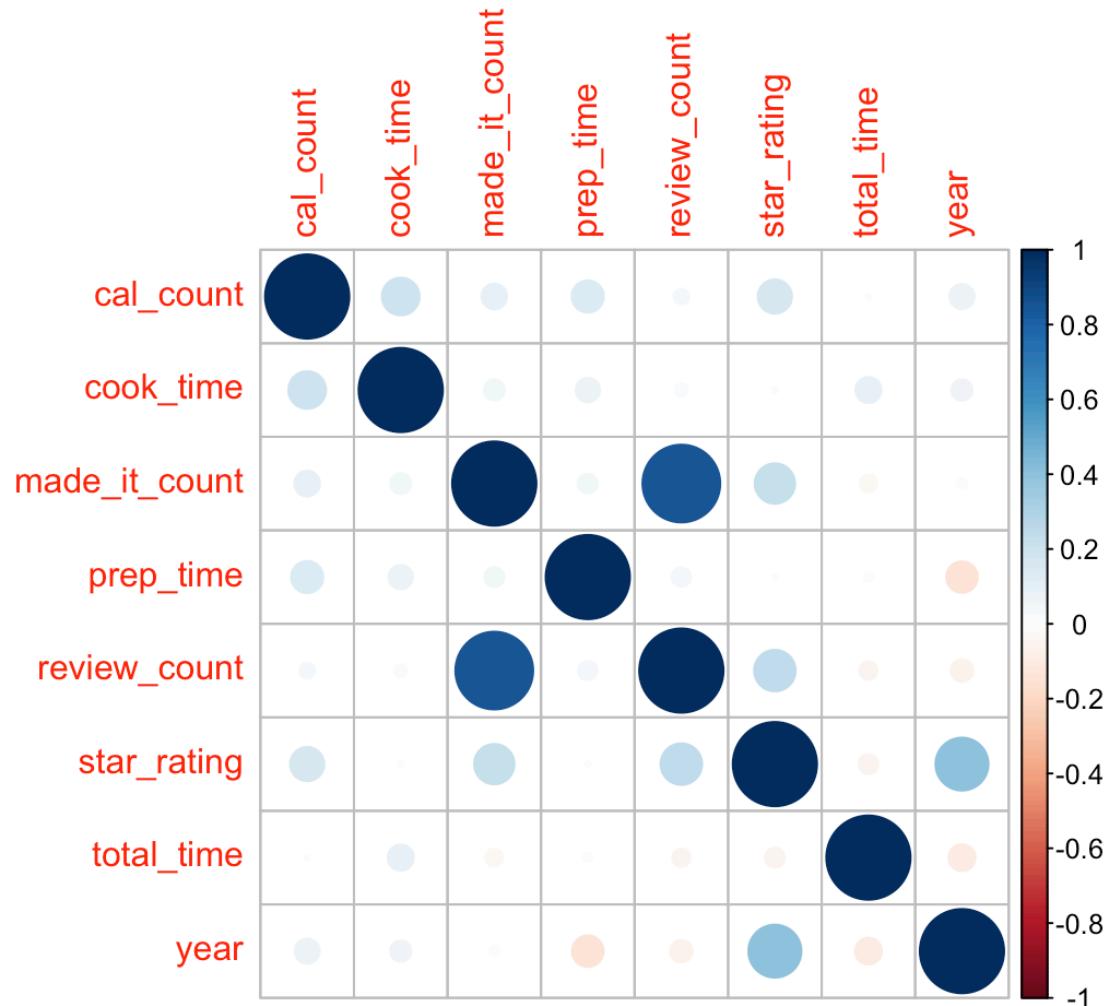
Recipes

cal_count	cook_time	made_it_count	prep_time	recipe_title	review_count	star_rating	total_time	year
294	12	2	15	allison's supreme chocolate chip cookies	43	4.634615	40	1997
111	10	1	20	belgian christmas cookies	20	3.833333	30	1997
294	12	2	15	allison's supreme chocolate chip cookies	43	4.634615	40	1997
111	10	1	20	belgian christmas cookies	20	3.833333	30	1997
207	10	449	15	outrageous chocolate chip cookies	1699	4.685714	25	1997
89	15	34	15	apricot cream cheese thumbprints	218	4.437008	150	1997

Ingredients

idnumber	X_id	ingredient	year
10032	5740cf35f0f8937b9e5f2eb2	1/2 cup shortening	1997
10032	5740cf35f0f8937b9e5f2eb3	1/2 cup butter, softened	1997
10032	5740cf35f0f8937b9e5f2eb4	3/4 cup packed brown sugar	1997
10032	5740cf35f0f8937b9e5f2eb5	3/4 cup white sugar	1997
10032	5740cf35f0f8937b9e5f2eb6	2 eaas	1997

Correlation among recipe variables



- For most part, variables do not correlate well, indicating a well designed website.
- Difficult for data analysis.

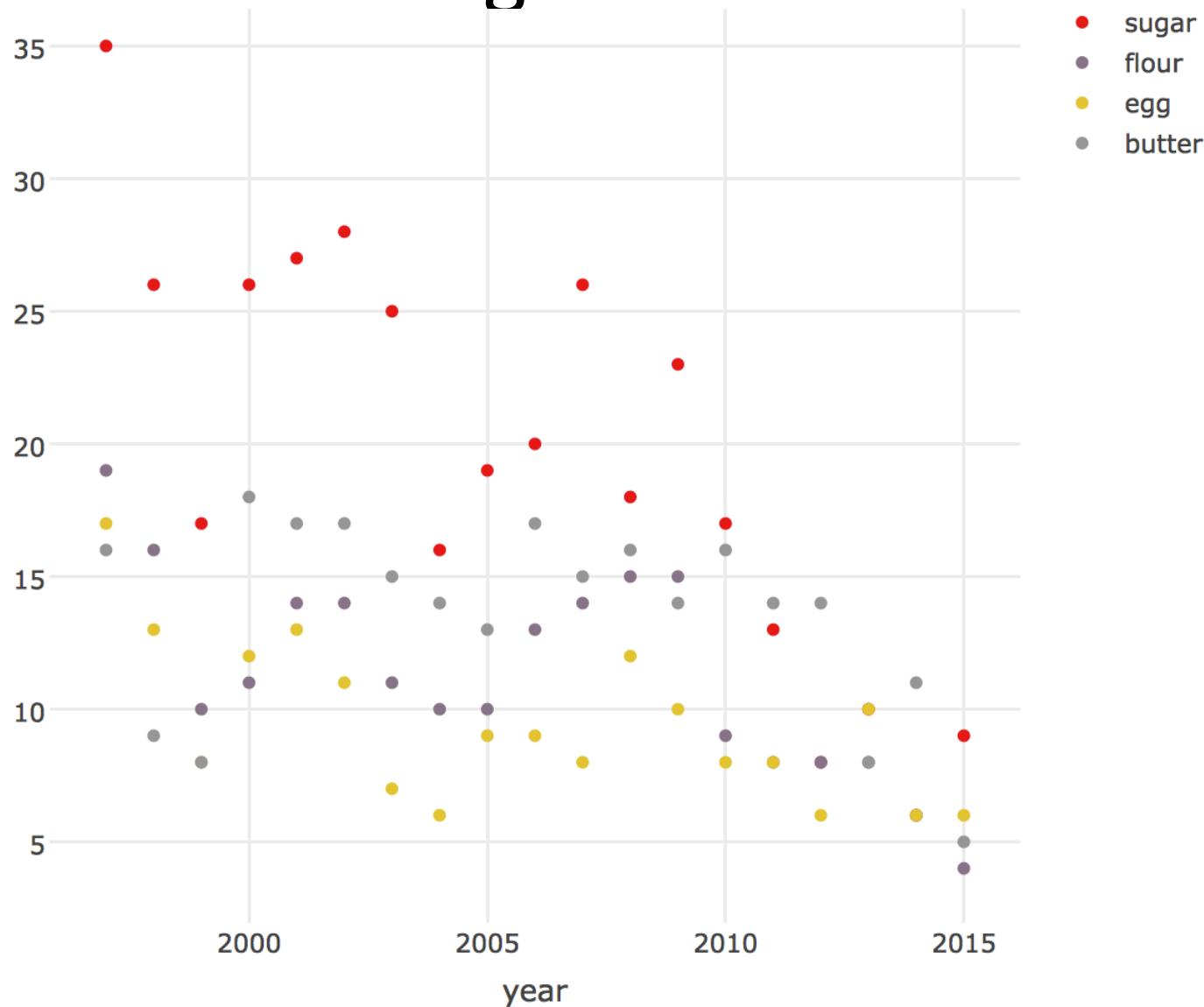
Word clouds

Recipes

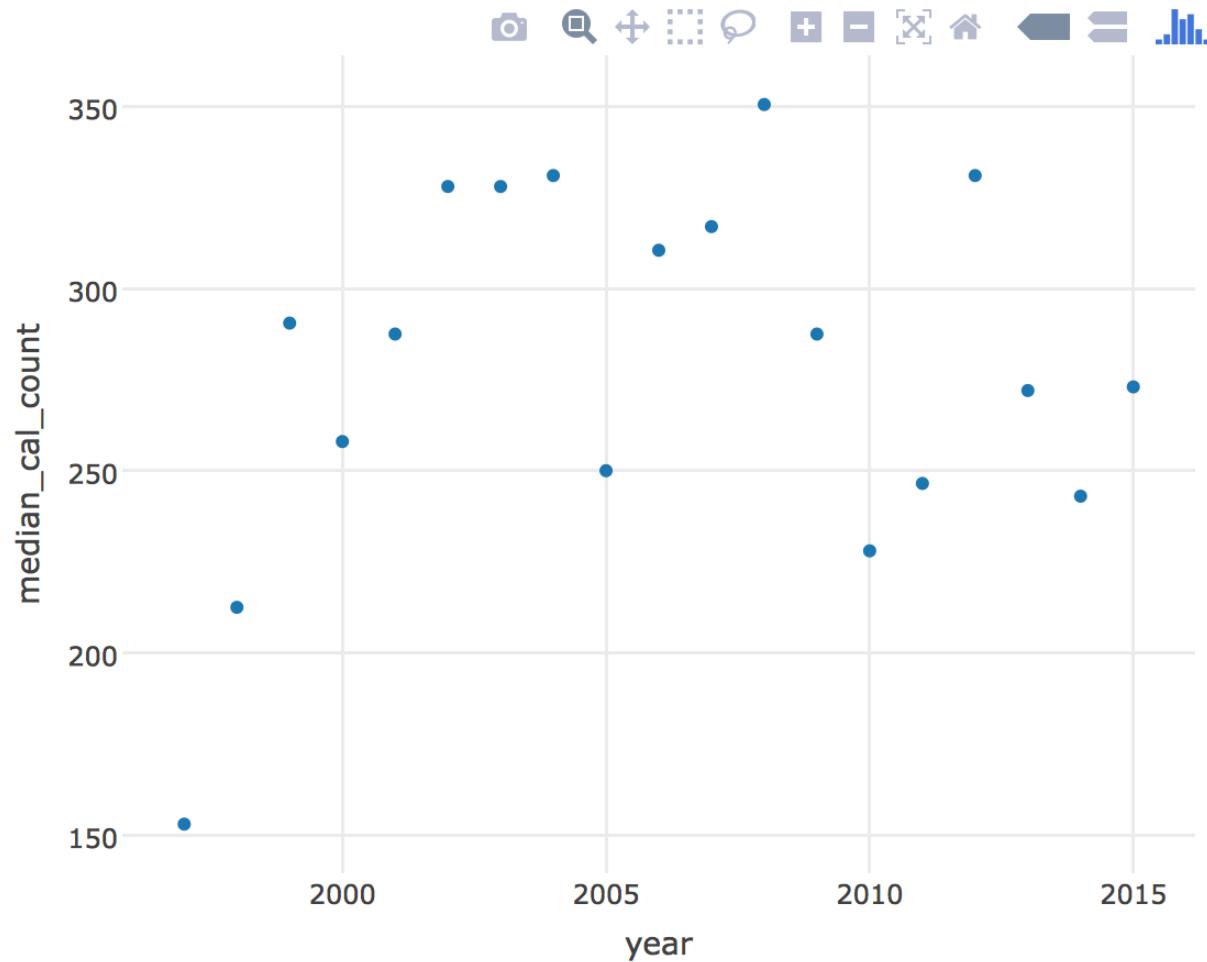
Ingredients

core parmesan
breast piec option whole
vinegar bread grate Cinnamon
shred cut onion extract
beef soda flavor
paprika slice egg flour butter
ginger powder larg ground
basil brown ounc
juic minc white sugar oil red
garlic salt tast chip
crush chocol chop oat fine
chocol cook dri cream halv
allpurpos sour black
season seed mix
soften lemon drain
packag pound
dice oliv cube
teaspoon
cup
tablespoon

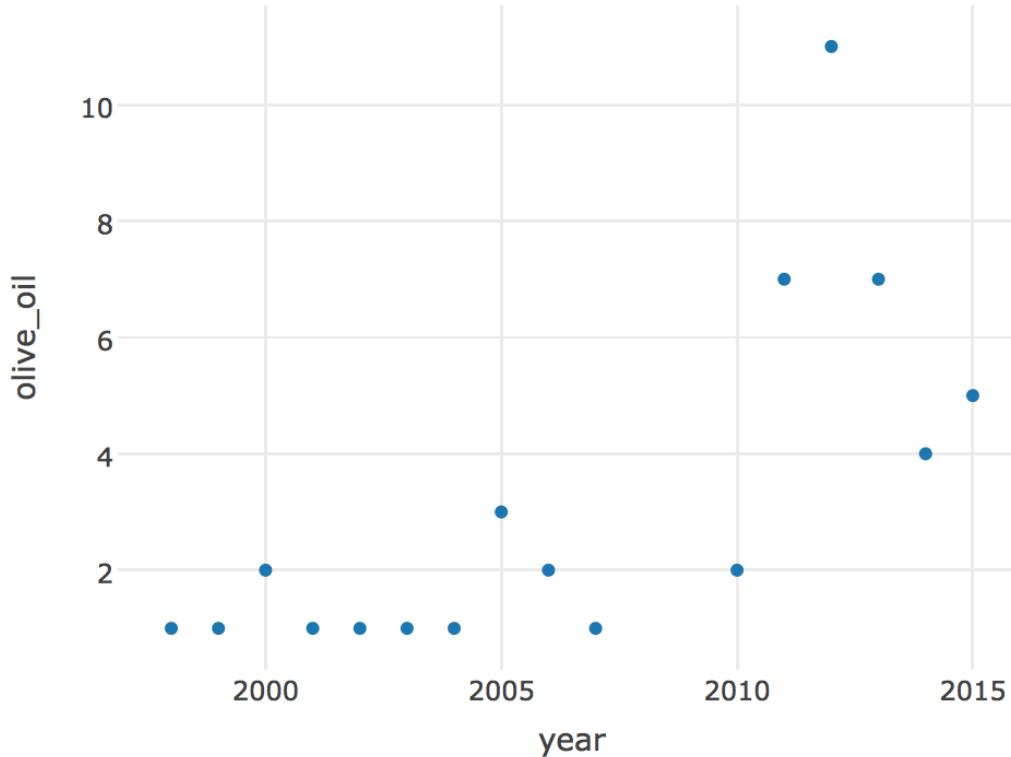
Declining frequency of baked goods ingredients



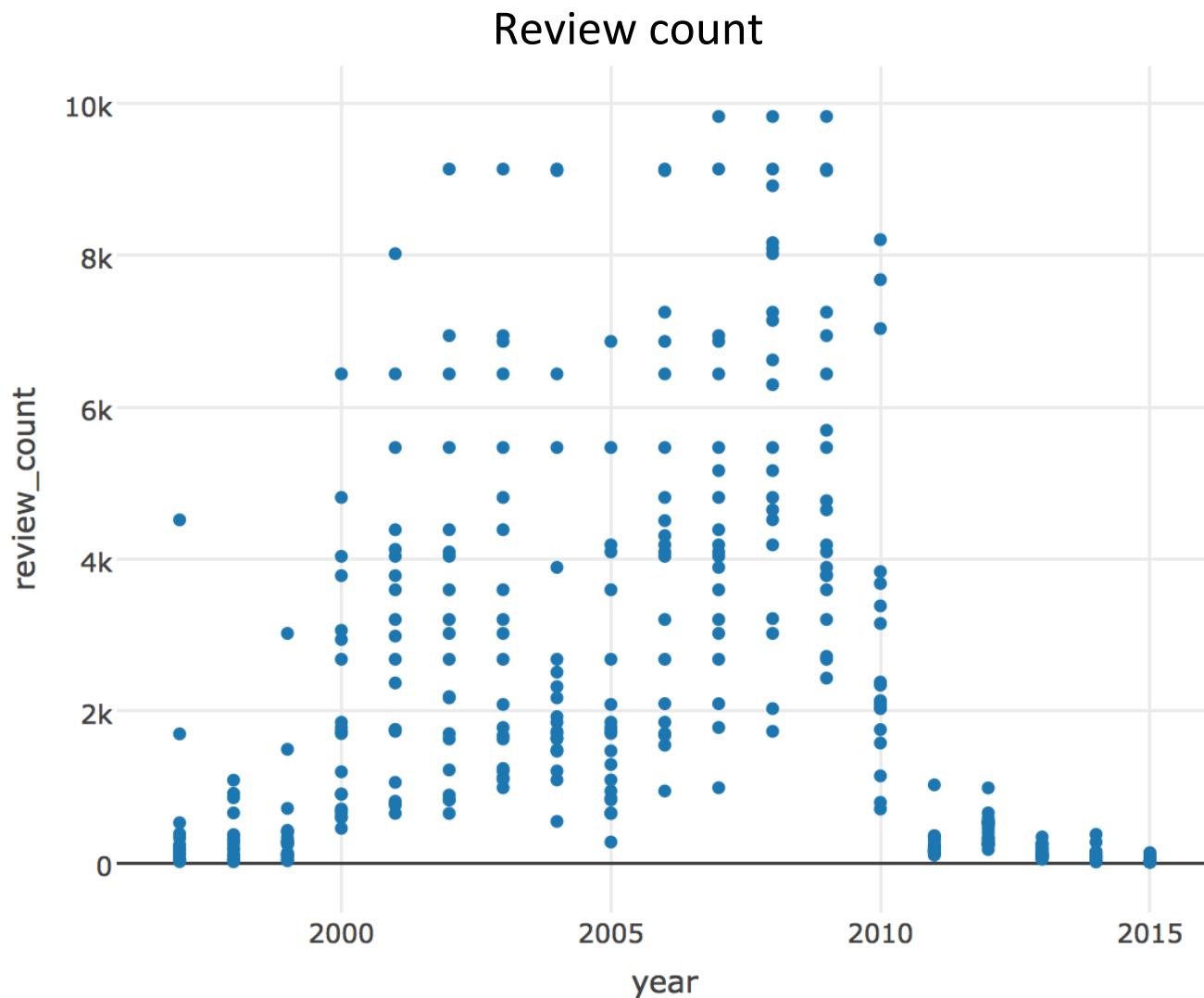
Median calories per serving



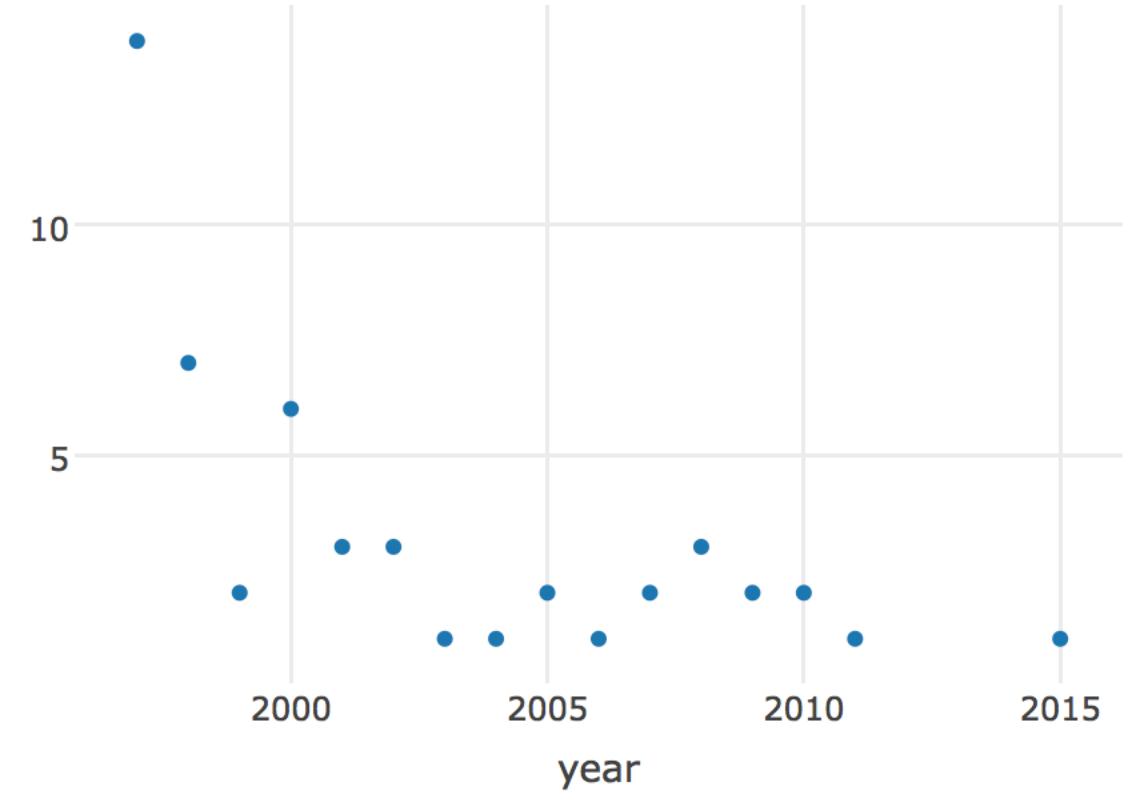
Increase of olive oil ingredient frequency



The need for allrecipes to innovate



The cookie trail



- In 1997, cookie exchanges were very popular.
- Further research indicates that allrecipes started as Cookiereceipt.com. All 20 recipes in 1997 were cookie related....the need for domain knowledge!

Conclusions

- Scraping was successful.
- The trends I was hoping to find were not necessarily present in the top 20 recipe list.
 - Perhaps present in ingredients list.
- Determined trends in popular recipes and ingredients in popular recipes.

Audience...

Most popular recipes

- ‘Clone of cinnabon’ from years 2001-2009
- ‘Jamie's cranberry spinach salad’ years 2000-2009
- Dark ages of cooking...