

WHAT'S COOKING?

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OBJECTIVE

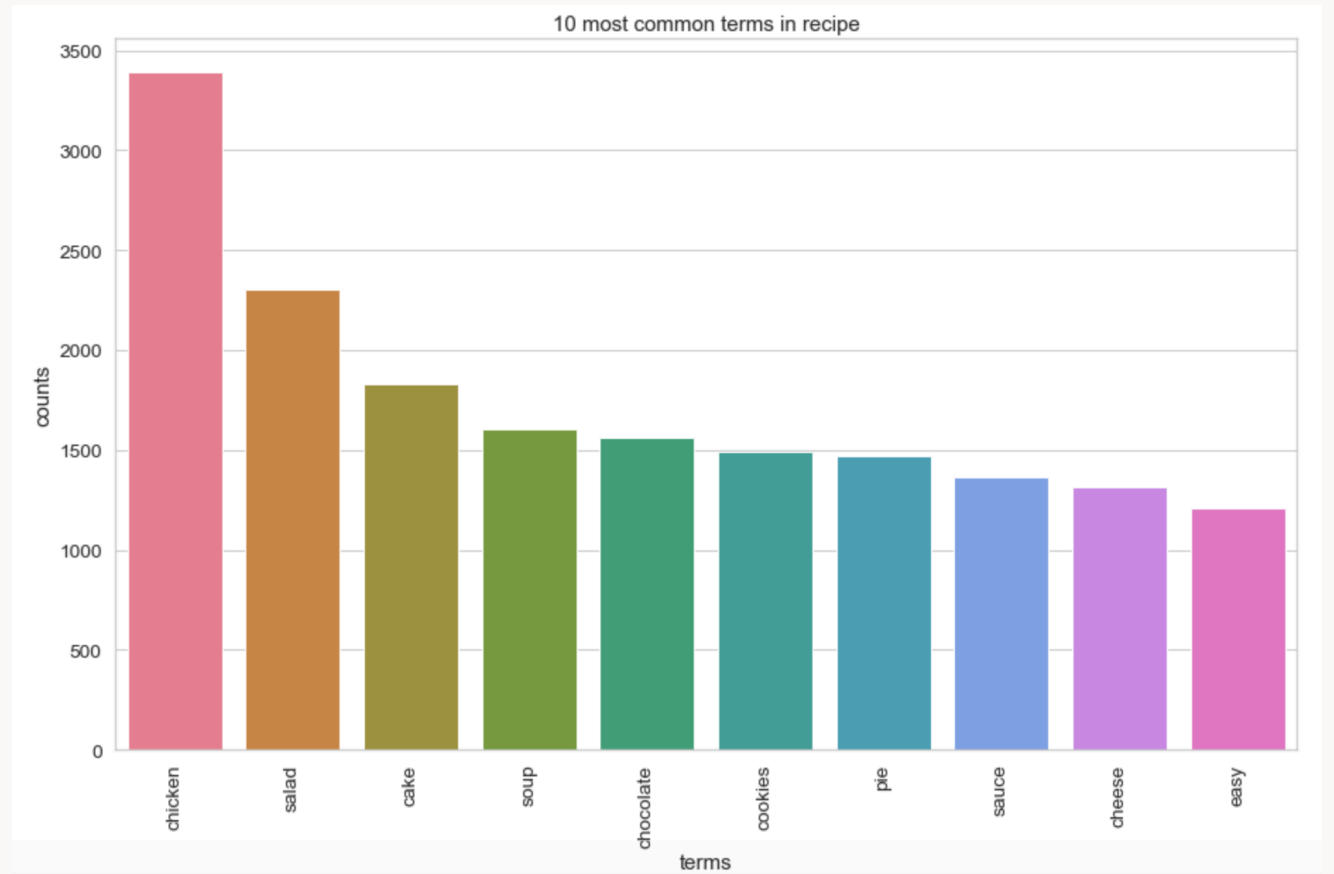
- Better understand Semantic Similarities and trends from a corpus of 39,522 recipe titles.
- Scraped data from www.Allrecipes.com:
 - Recipe Title
 - Recipe Ingredients
 - Recipe Instructions

RECIPE TITLE- COMMON TERMS



- * Wordcloud library

RECIPE TITLE- COMMON TERMS

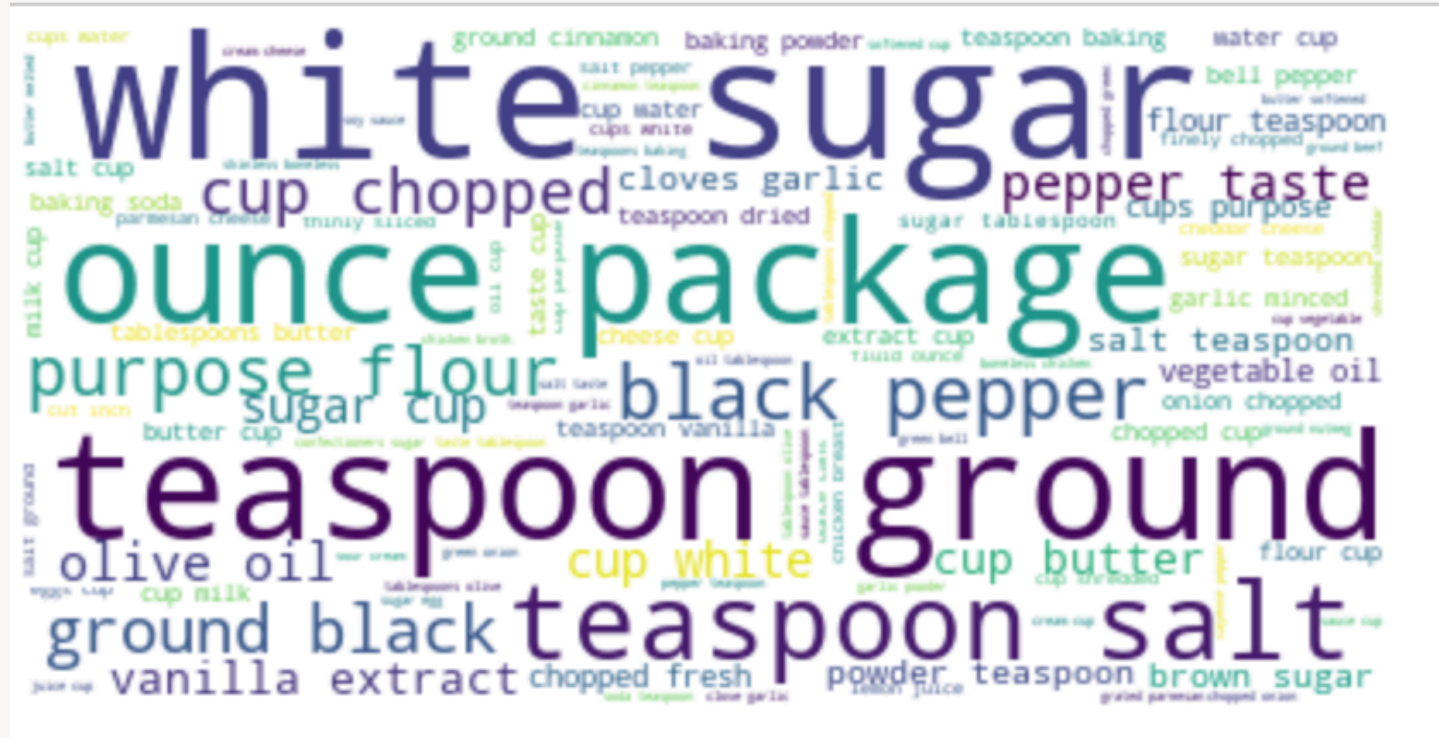


RECIPE

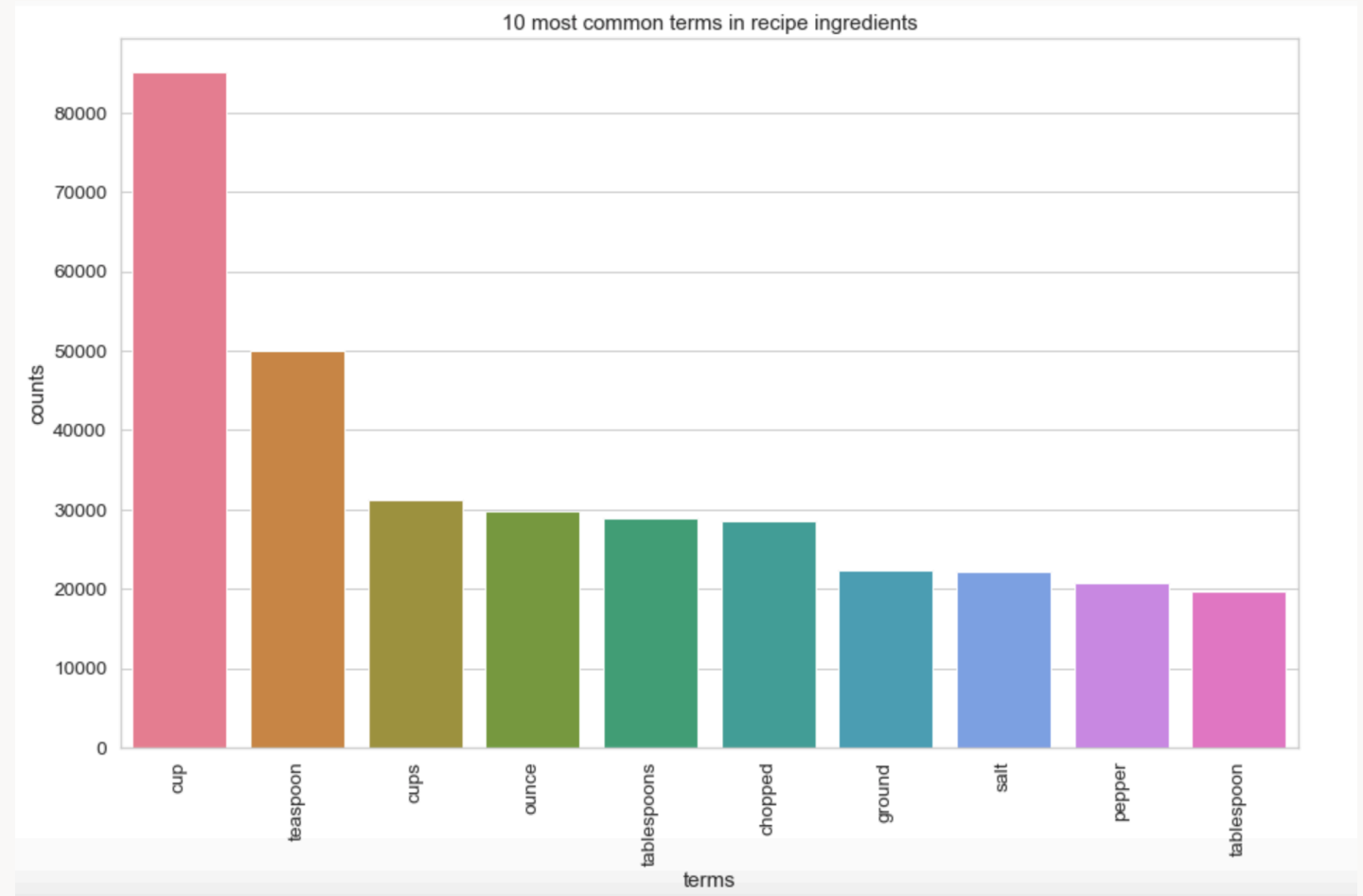
INGREDIENTS -

COMMON

TERMS



RECIPE INGREDIENTS- COMMON TERMS



K-MEANS CLUSTERING (n = 5)

Recipe Title

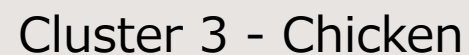
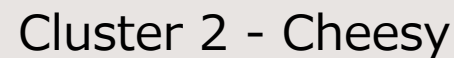


Cluster 0 - Savory



Cluster 1 - Easy

Recipe Title

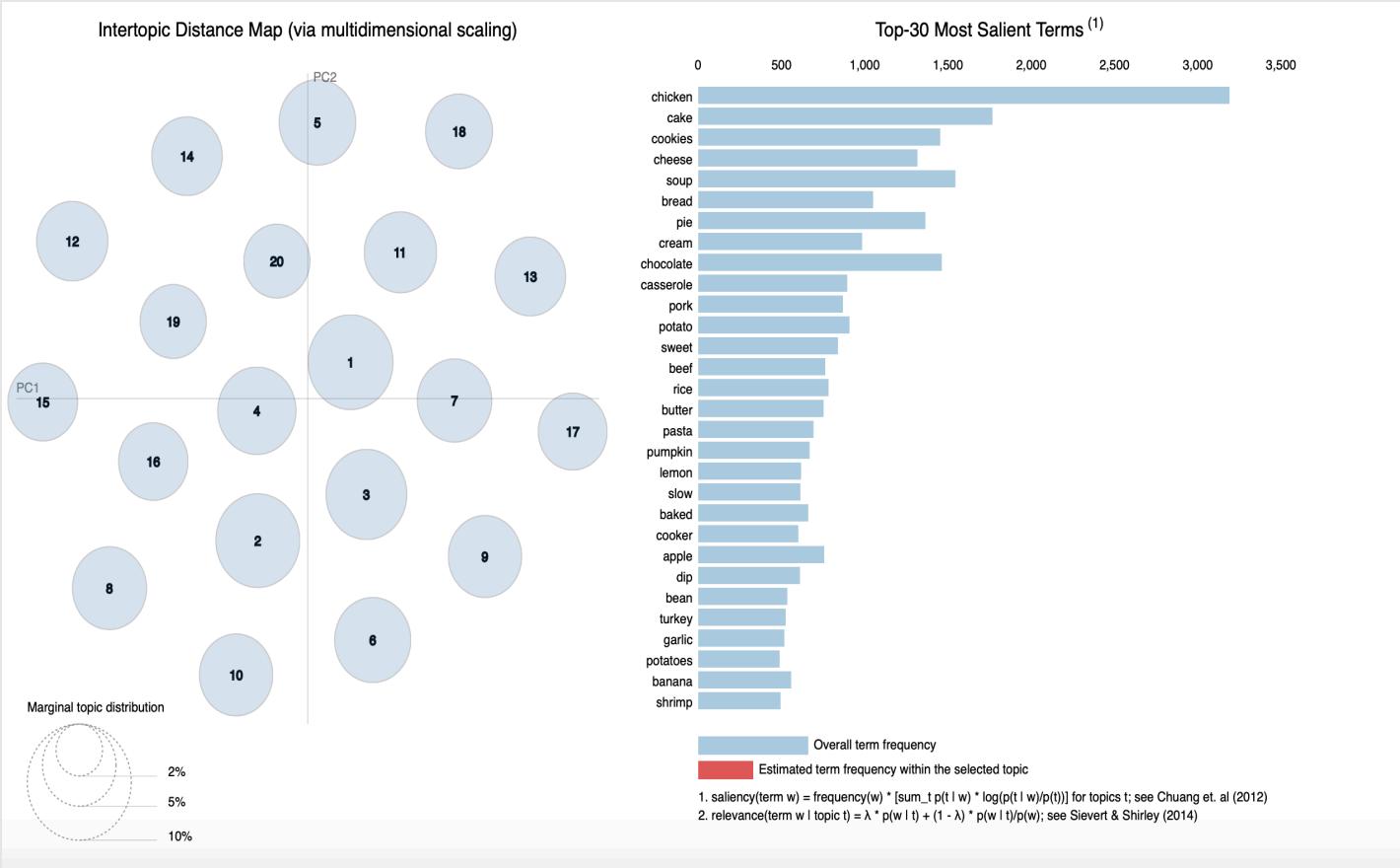


pyLDAvis-tsne

Recipe Title

Hyperlink

<http://localhost:8888/view/name.html>



pyLDAvis-tsne

Recipe Title

Hyperlink

<http://localhost:8888/view/name.html>

Topic 1	Pies (butter, apple)
Topic 2	Chicken (wings, rice)
Topic 3	Soups (vegetables, spicy)
Topic 11	Pork (garlic, chops)
Topic 13	Potatos (grilled, herb)
Topic 14	Beef (mushroom, lasagna)
Topic 17	Slow Cooker (bbq)
Topic 20	Dressing (famous, cornbread)

Word2Vec-tsne

Recipe Title



Next Steps

- Expand corpus of Recipe Titles to other websites (foodnetwork.com).
- Use similar methodology to understand similarities within Recipe Ingredients and Instructions.
- Construct a recommender system where user inputs ingredients and a recipe is returned.