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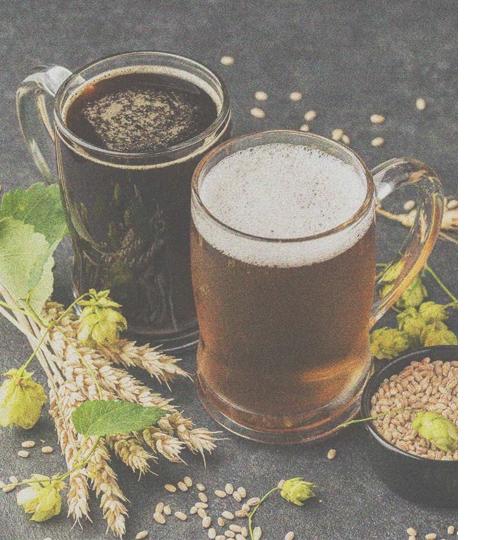
What's next?











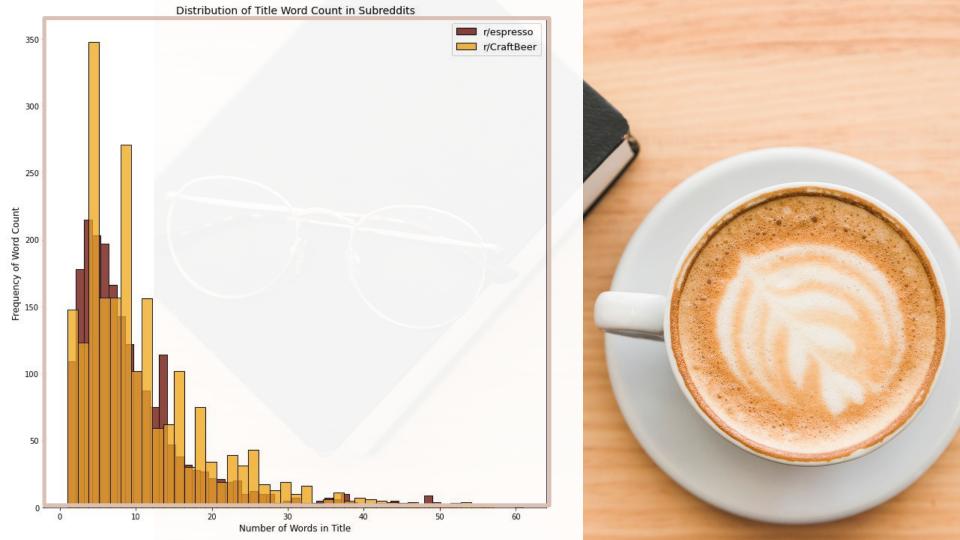


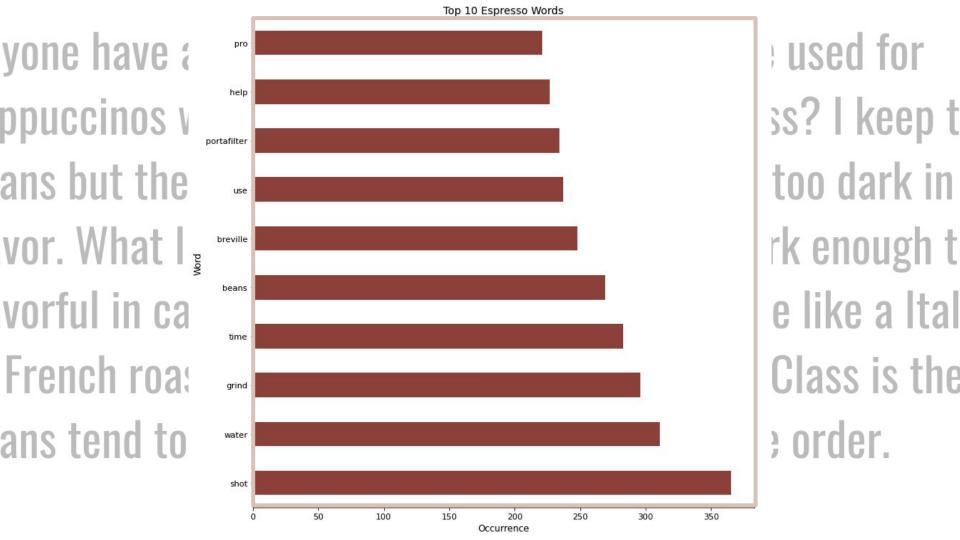
#### **CONFUSION MATRIX:** 501 45 esp Frue label 19 485 beer esp beer Predicted label

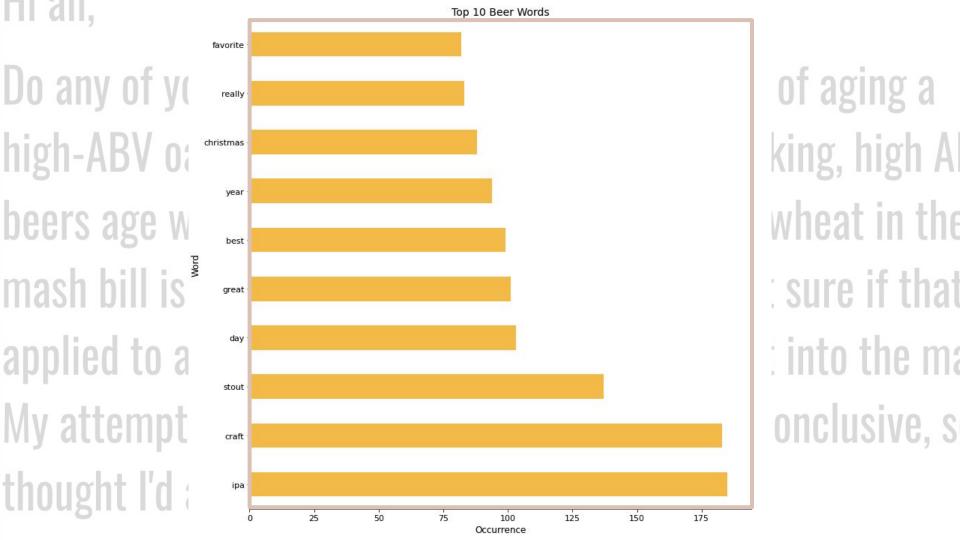
## **BEST MODEL**

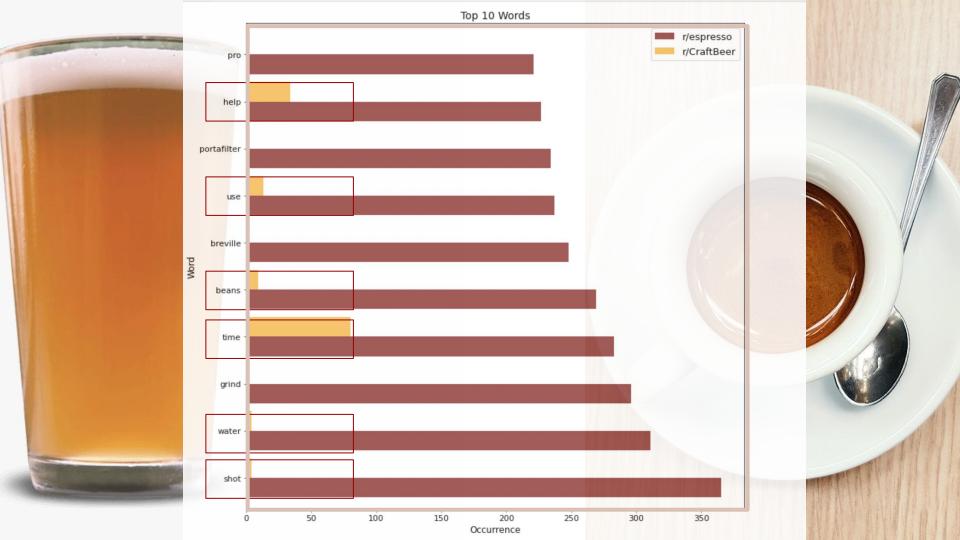
TfidfVectorizer + LogisticRegressor

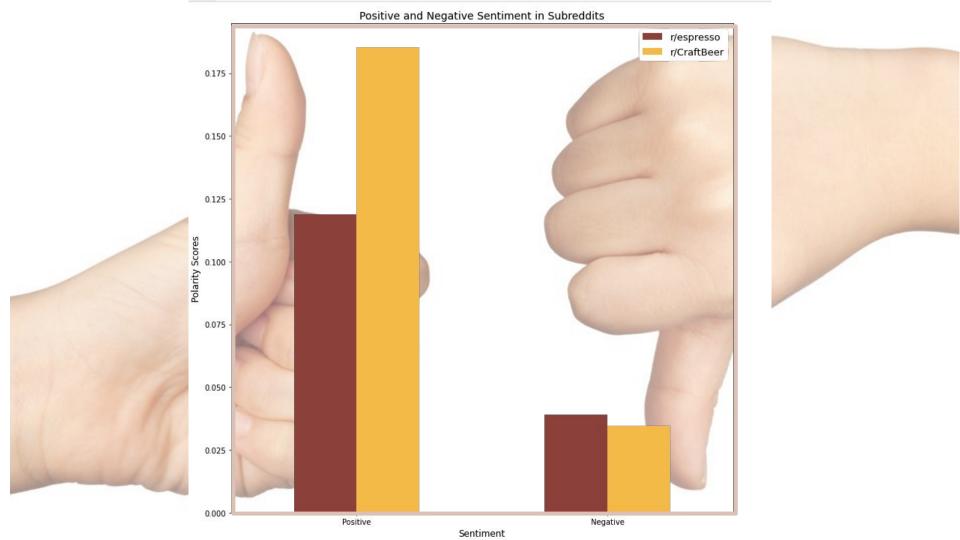
94% accuracy score











03

## RECOMMENDATIONS



# Customer insight can be gleaned from applying NLP to user activity on reddit and the insight could be useful in targeted marketing.

Perhaps we need more coffee-flavored beer, or beer-flavored coffee.

Perhaps also this model can be generalized to other data to determine interest across other beverages or food.

Recommendations include but are not limited to:

- -applying this model to text in other social media to look for new markets for existing products
- -investigating the mis-categorizations within the model for insight into interest in new cross-over products.

"Half of the day I wonder if it's too late for coffee, the other half I wonder if it's too early for alcohol."

—RONALD ULYSSES SWANSON



#### **Credits:**

#### PHOTOS:

 $\underline{https://www.sacurrent.com/sanantonio/texas-craft-brewers-react-to-emerging-beer-trends-with-both-new-and-backward-looking-styles/Content?oid=27319151$ 

https://www.travelandleisure.com/food-drink/beer/best-breweries-in-seattle

https://www.educatall.com/page/1157/Thumbs-up-or-down.html

https://www.timeout.com/seattle/bars/best-breweries-in-seattle

https://twigscafe.com/what-is-espresso-shot-all-you-need-to-know-about-espresso/

Beer Day Campaign by Slidesgo Popic Café Company Profile by Slidesgo