



Personal Sommelier

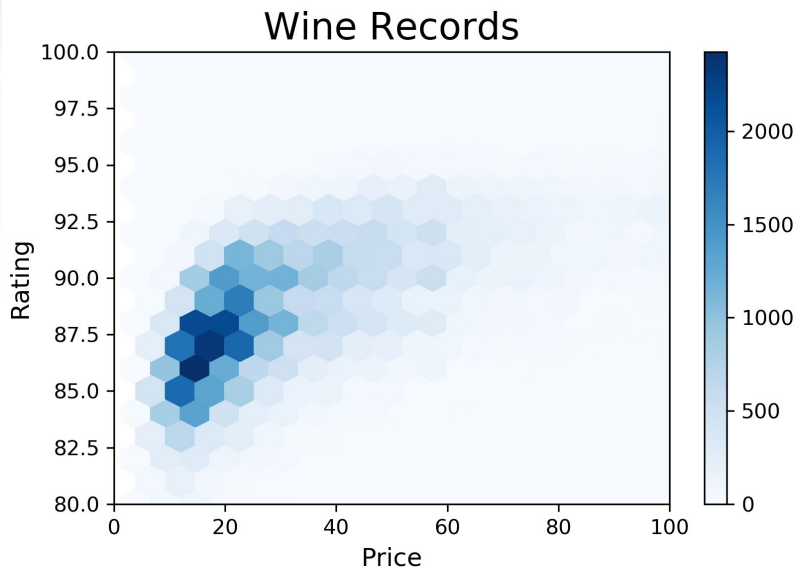
Select your next bottle more easily

Yu Fen Lin

Data

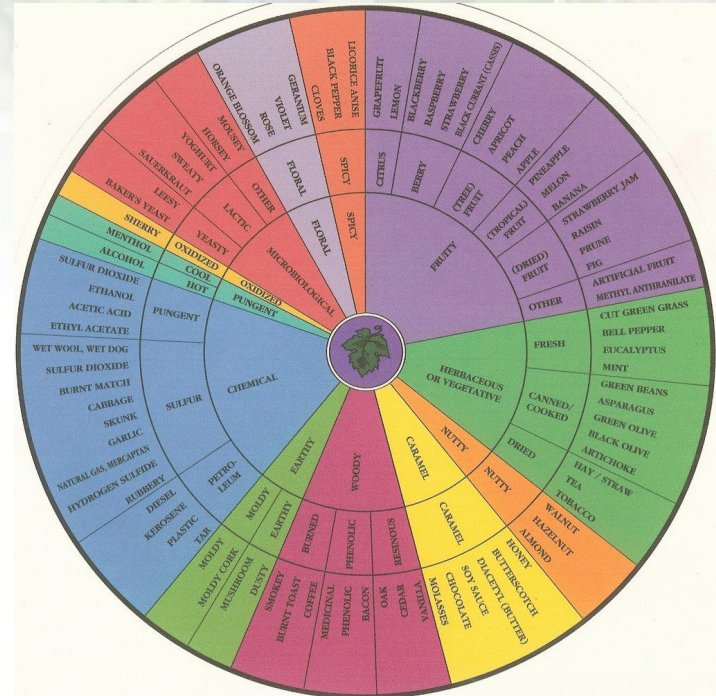
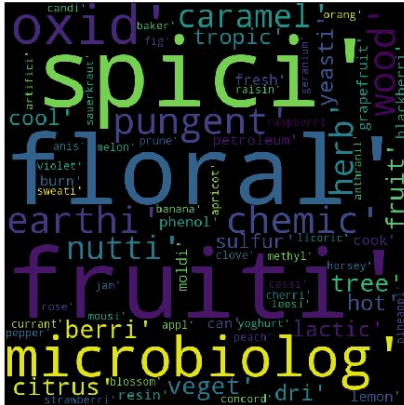
130k wine reviews from Wine Enthusiast

- Price < \$100
- Rating point : 80 - 100



Model

- Content-based
- Natural Language Toolkit
- SnowballStemmer
- TF-IDF Vectorizer



Wine Aroma Wheel from UC Davis

Similar Taste

Carl Ehrhard Rüdesheimer Dry Kabinett
Riesling (Rheingau), Germany

Flavor keywords:

herb, grapefruit, peach, dry, acidity,
savory



Hazlitt 1852 Vineyards Sauvignon
Blanc, US

dried, herb, grapefruit,
peach, acidity, savory

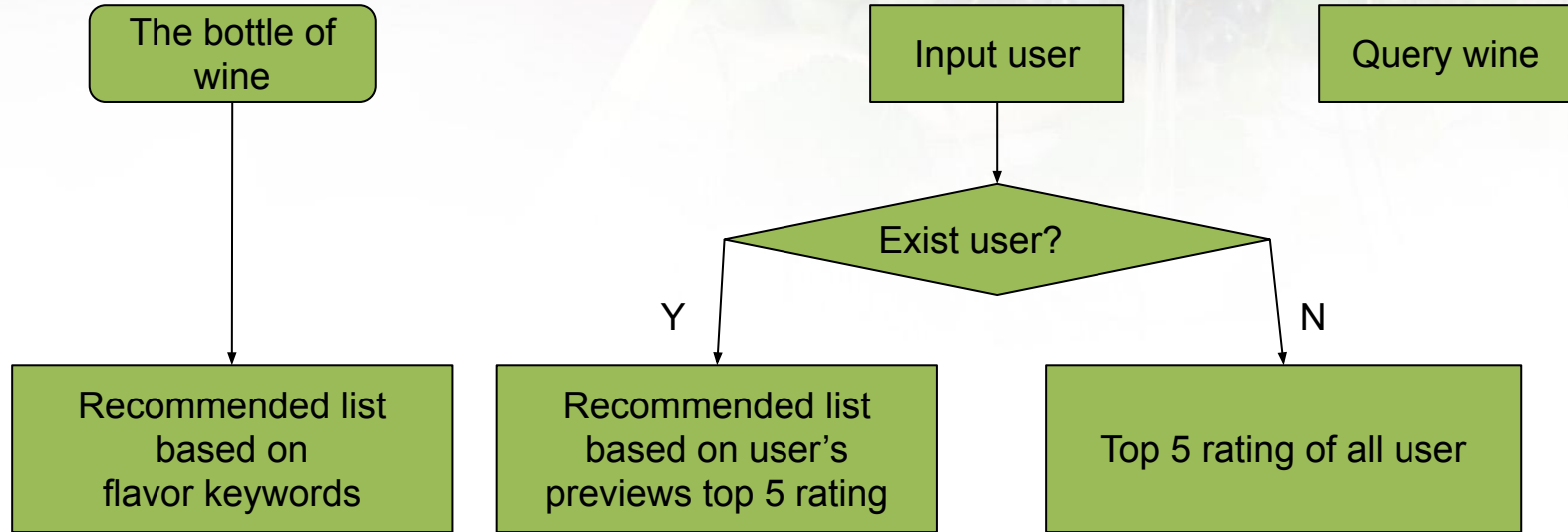


Fox Run Riesling 11 Hanging
Delta Vineyar, US

grapefruit, peach, acid, savory



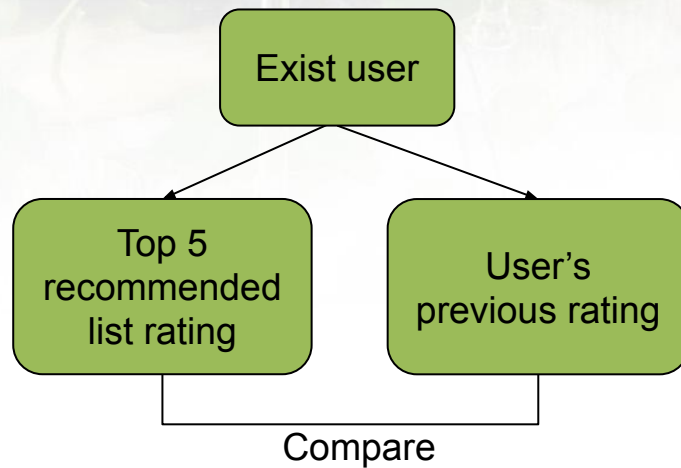
Flask



Evaluation

Rating point

- Average increasing 1.2 points (5.9%)
- Max increasing 5.7 points (28.9%)



Next Steps

- Add the filtering into content-based search
- Character Encoding
- The function of adding review



Thank You

<https://github.com/YufenLin/sommelier>

