

Wine Rating Prediction



What characteristics of wine
makes it a *good* wine?



Slide Members



MOTIVE^{???}



Tools



Data explanation

WINEENTHUSIAST



Apple, wildflower and stone aromas set the tone. The tangy palate offers crisp Granny Smith apple, pear and nectarine accompanied by lively acidity. A touch of mineral closes the finish. **—KERIN O'KEEFE**

RATING

87

POINTS

PRICE

\$16,

[BUY NOW](#)

VARIETY

[Pinot Grigio](#)

APPELLATION

[Alto Adige](#), Northeastern Italy, [Italy](#)

WINERY

[Dürer-Weg](#)

[Print a Shelf Talker Label](#)

ALCOHOL

12.5%

BOTTLE SIZE

750 ml

CATEGORY

White

IMPORTER

Ethica Wines

DATE PUBLISHED

4/1/2016

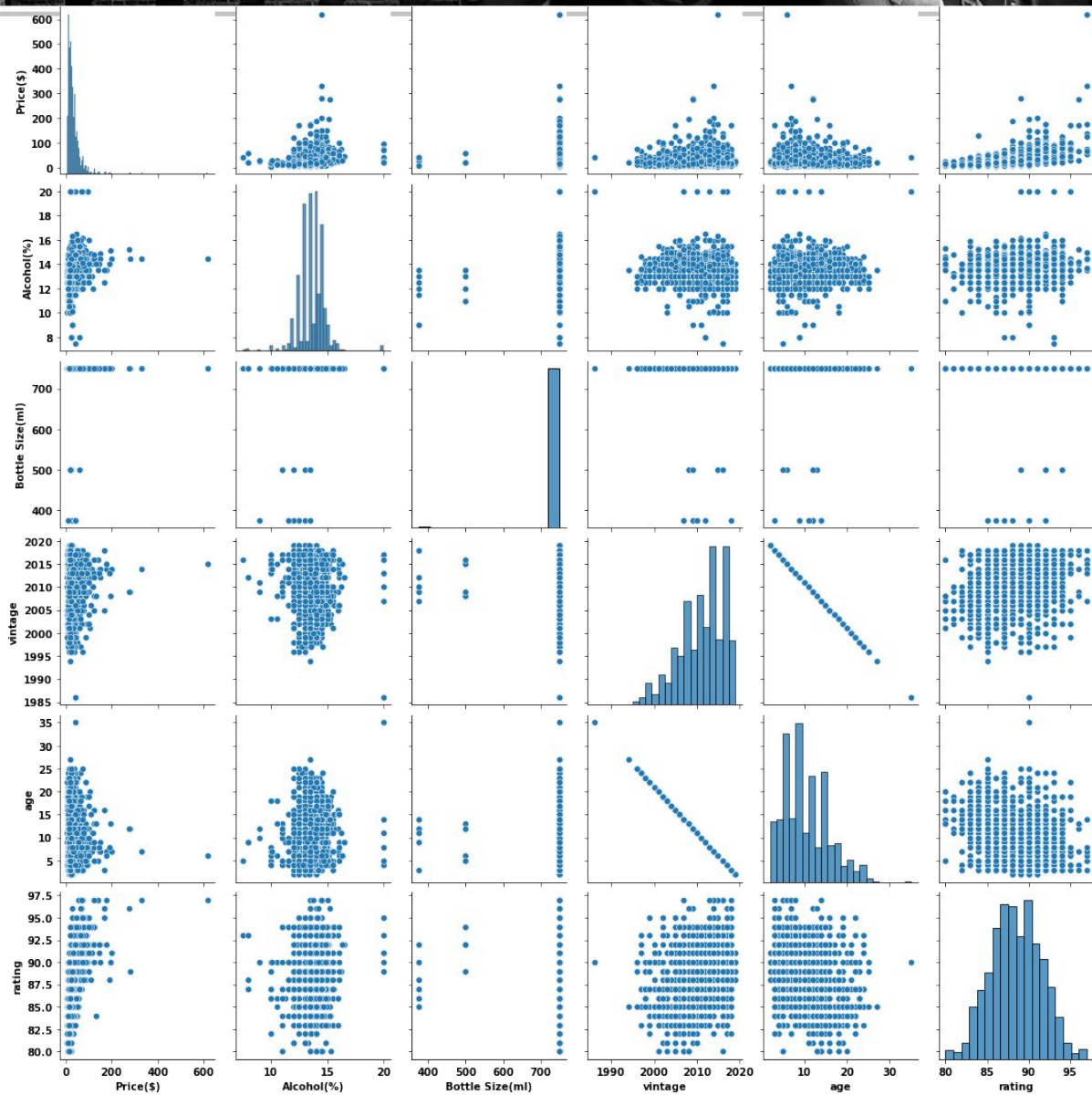
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Not rated yet ([Add Your Review](#))

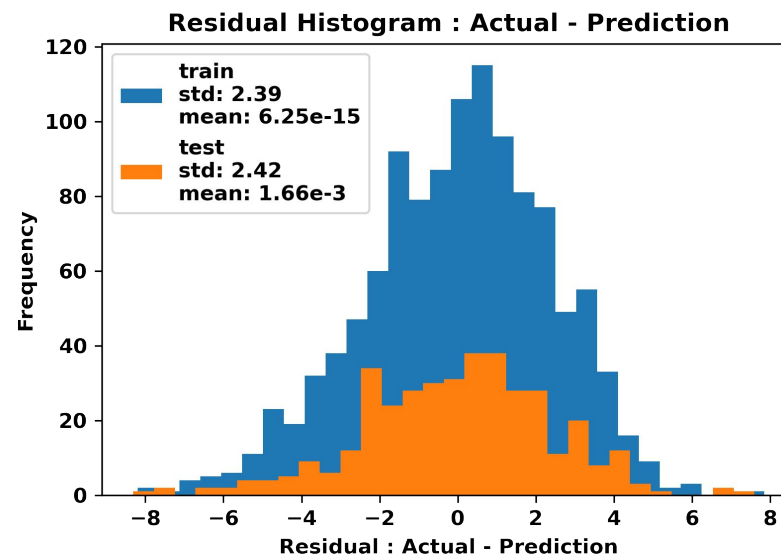
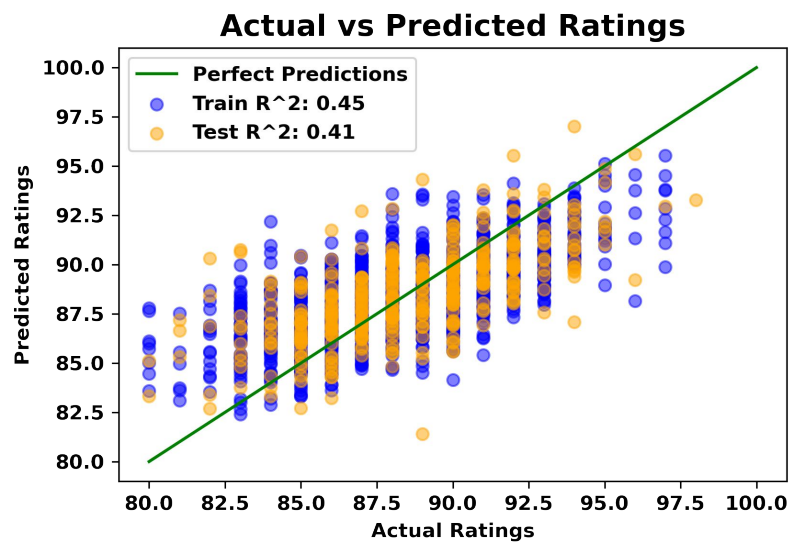
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All tastings reported in the Buying Guide are performed blind. Typically, products are tasted in peer-group flights of from 5-8 samples. Reviewers may know general information about a flight to provide context—vintage, variety or appellation—but never the producer or retail price of any given selection. When possible, products considered flawed or uncustomary are retasted.

Pair plot of numerical variables



Methods/Results





Recommendations

features with high coefficient

1. Price(\$) \times Germany: 7.366
2. Price(\$) \times Port/Sherry: 3.758
3. Price(\$) \times Greece: 2.684
4. newer Austria: 1.321
5. Sparkling: 1.116



Future Plans

- Scrap more data from the website
- Better scraping method, so doesn't get banned
- Collect data with flavors of wines
- Improve model by adding more features
- Build a model with target variable being categorical

A person in a dark suit is working in a cellar. They are surrounded by large wooden barrels and rows of smaller barrels in the foreground. The scene is dimly lit, with light coming from a window on the left.

THANK YOU

