

Vinho Verde Wine Quality

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Stakeholder Background

Mexi-Sushi Restaurant Chain



Vinho Verde Characteristics

- Not a grape!
- -9 sub-regions in Northern Portugal
- Young, fresh, fruity flavors that are best enjoyed immediately.
- Spritzy- through malolactic fermentation or the addition of carbon dioxide
- Mouth-zapping acidity
- Low in alcohol, perfect for summer

Vinho Verde Wine Region
MINHO, PORTUGAL

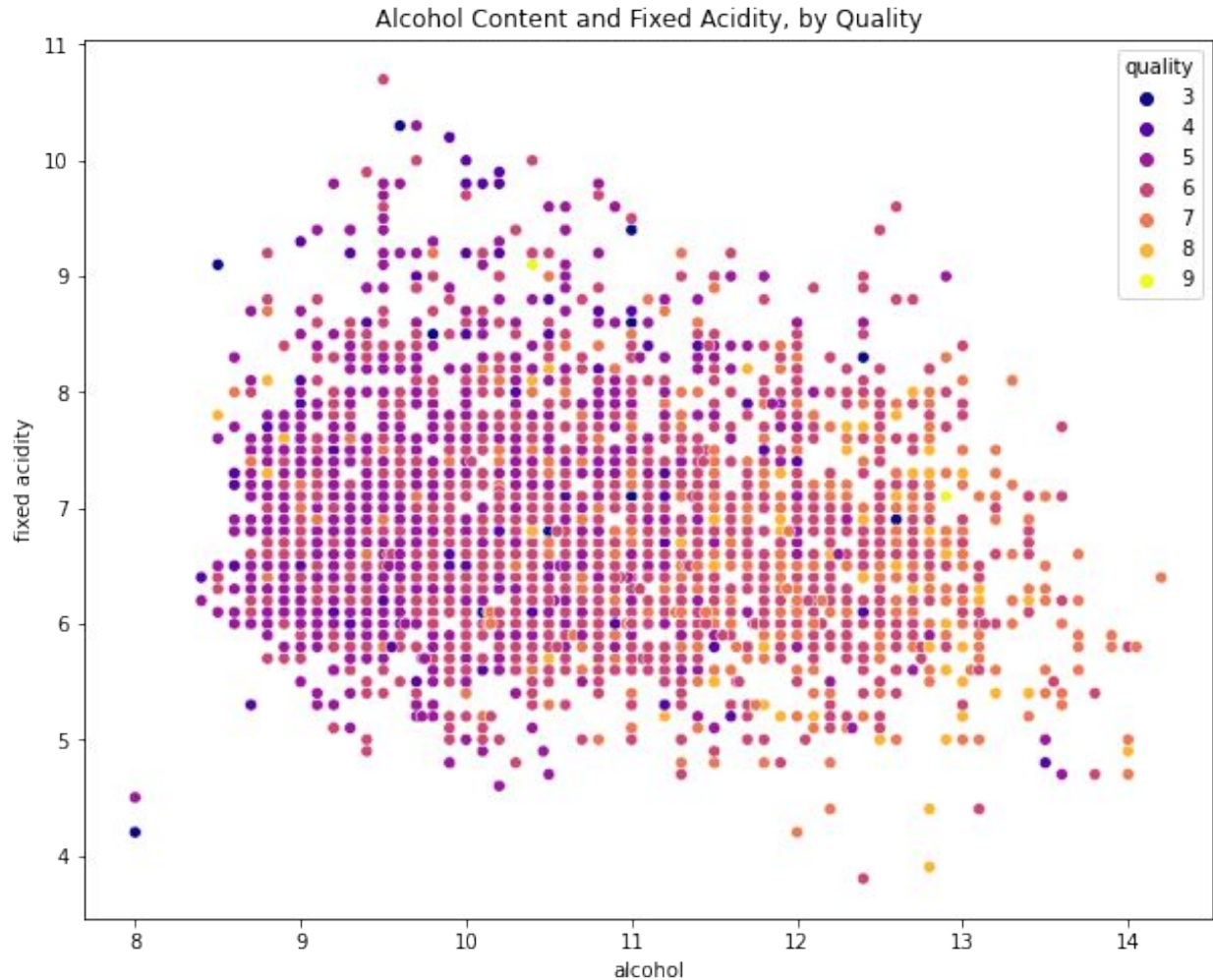


Acidity and Alcohol

-vinho verde is typically high in acidity(7-11%), and low/medium in alcohol(8-11.5%)

-lower quality wines seem to be low in alcohol but mixed in acidity

-higher quality wines seem to be low in acidity but higher in alcohol



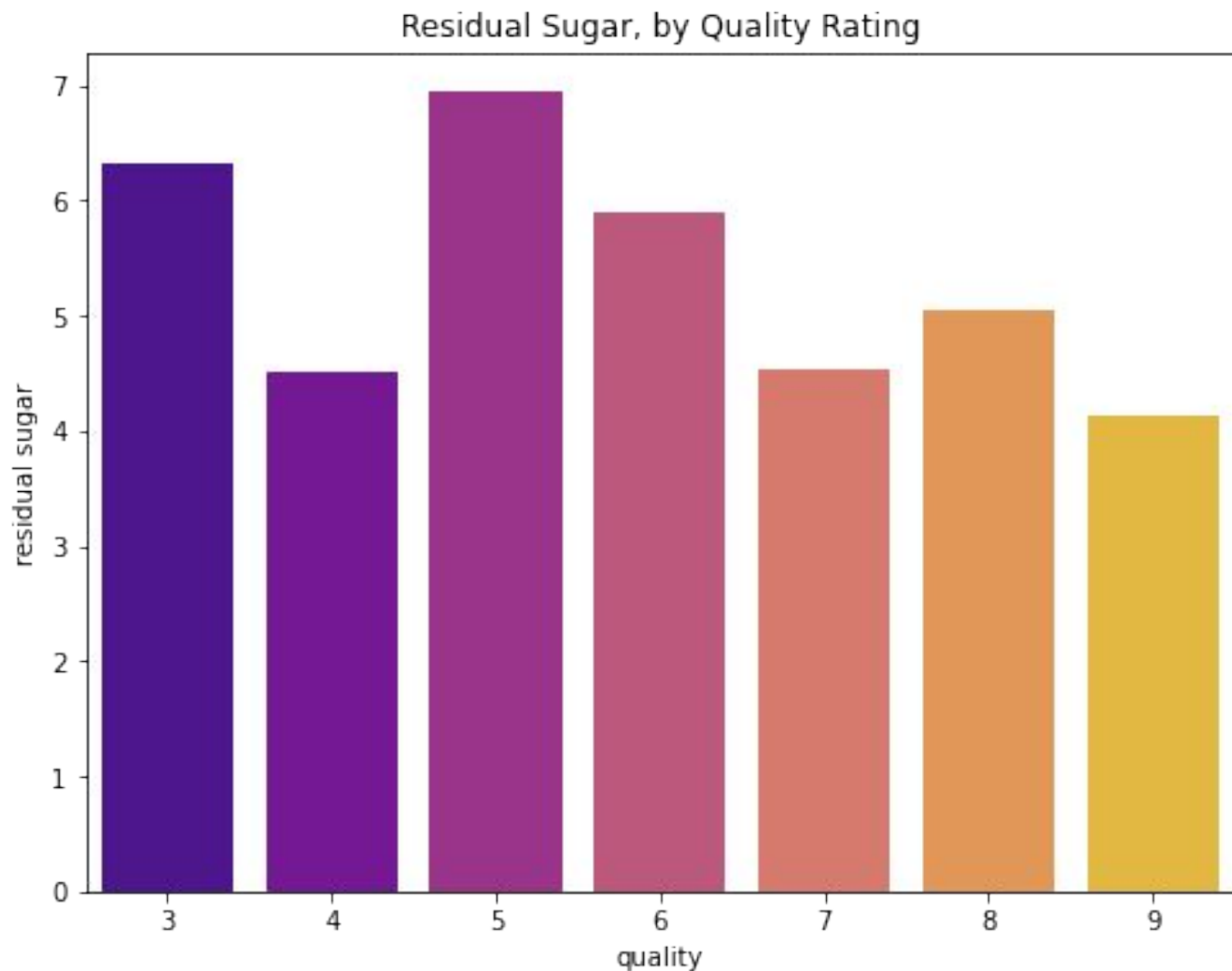
Sugar Content

-dry whites- 1-10 g/L

-valley grown grapes,
typically low in sugar

-lower quality- higher
sugar

-higher quality- lower
sugar



Modeling

Model is performing with 57% accuracy

Classes are highly unbalanced, many
'average' wines compared to poor or
excellent

Recommendations

Redo the model for regression
rather than classification

Lump wines into three, ordered
categories (poor, average,
excellent)

“Doctors say that a glass of wine a day can extend your life. Cheers”
-Betty White

