

Raise A Glass

Analysis of Wine Rating Data From Around The World

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DATA INTRODUCTION

Countries

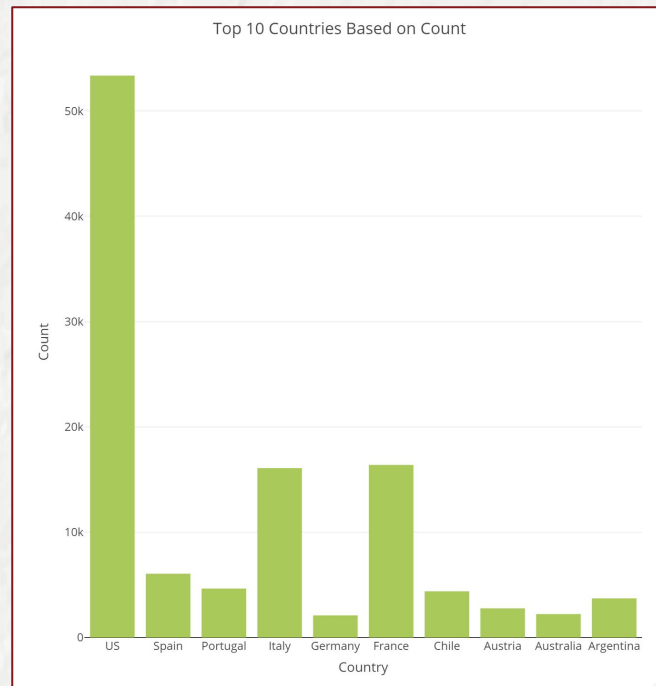
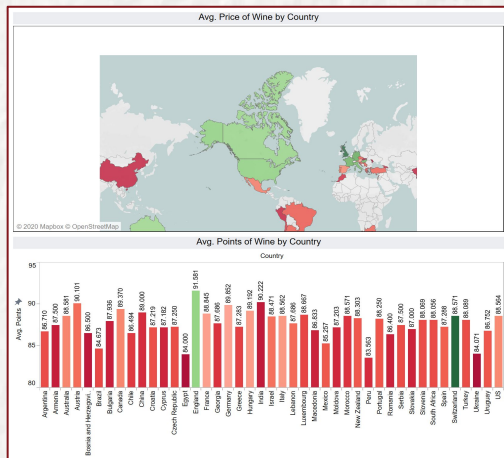
US
Spain
Portugal
Italy
Germany
France
Chile
Austria
Australia
Argentina

Variables

Country
Title
Price (USD)
Vintage Year
Points
Variety
Region

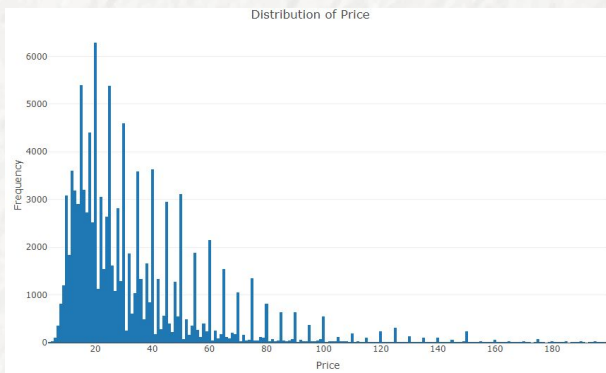
Description

Data originally scraped from Wine Enthusiast's Global Wine Ratings. Created by zachthoutt and uploaded to Kaggle (<https://bit.ly/30rqZKU>)



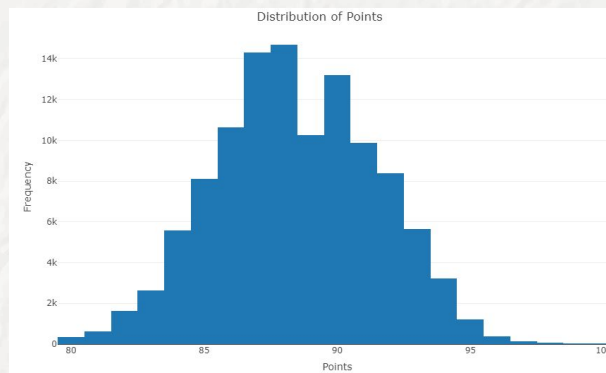
Subsetted the country variable into top 10 based on count so that we could dive deeper into each country's specific variable correlations as to not overwhelm with too much data.

VARIABLE DISTRIBUTION



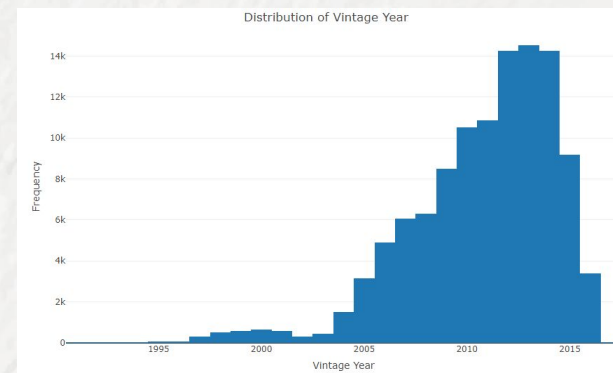
Wine Price

Median wine price: ~ \$26/bottle,
Average wine price: + \$10 greater
Most expensive bottle: \$3300
Cheapest bottle: \$4



Wine Points

Median rating: 88 points
Range of points: 80 to 100 points



Vintage Year

Median vintage year: 2011
Oldest vintage year: 1934
Newest vintage year: 2017

*We have removed outliers/extreme values in order to make visualisations more meaningful

BUSINESS OBJECTIVES



PRIMARY

What is the best country to visit for wine based on your budget?



SECONDARY

What constitutes as good wine based on the data given?

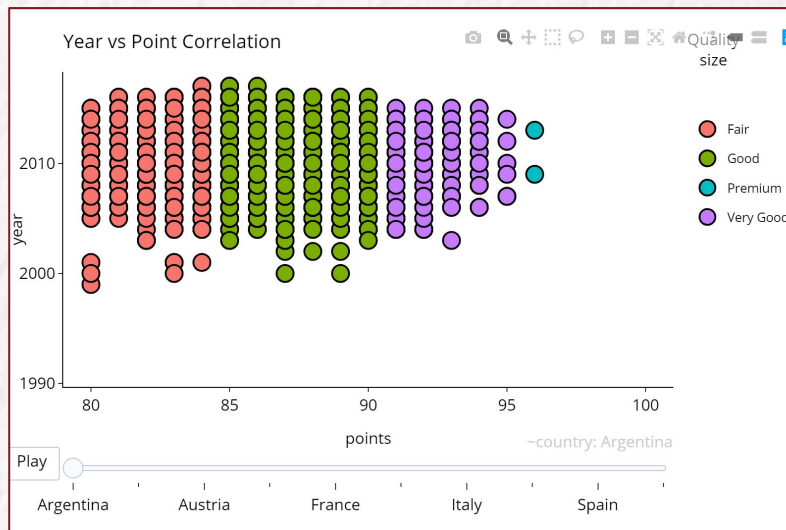


TERTIARY

For the primary objective, what are suggestions for wines to try?

VARIABLE CORRELATION

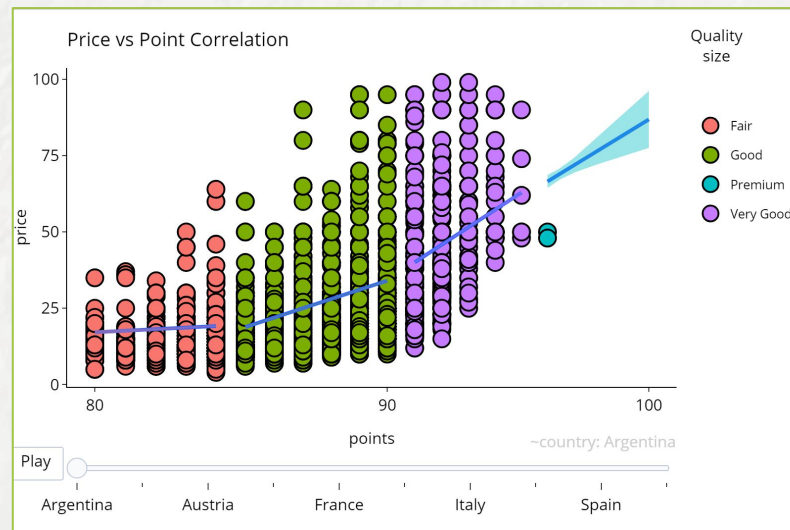
Correlation Between Year and Points



No distinct correlation between year and points - seen throughout each country.



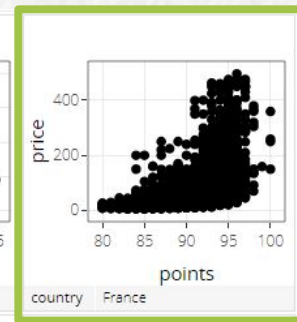
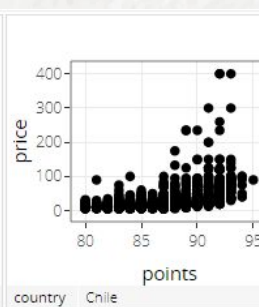
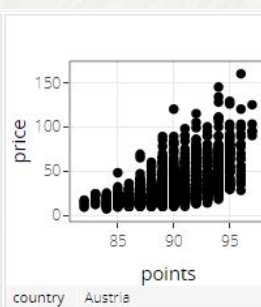
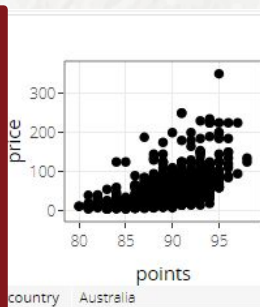
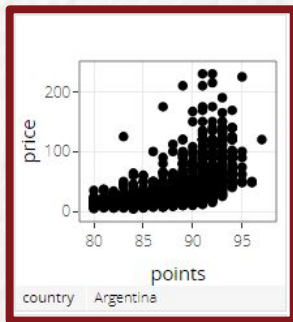
Correlation Between Price and Points



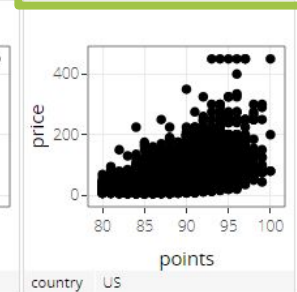
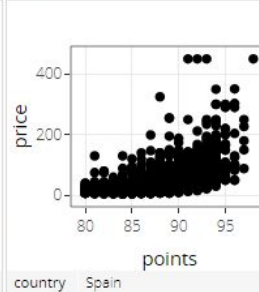
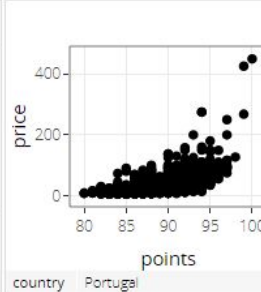
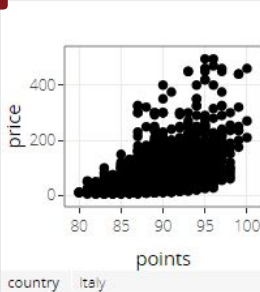
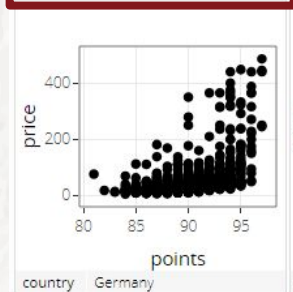
Positive correlation seen between price and points. The higher the price of the wine, the more points it is awarded.

VARIABLE CORRELATION

Argentina has the cheapest wine at the highest count



France has the most expensive wine at the highest count

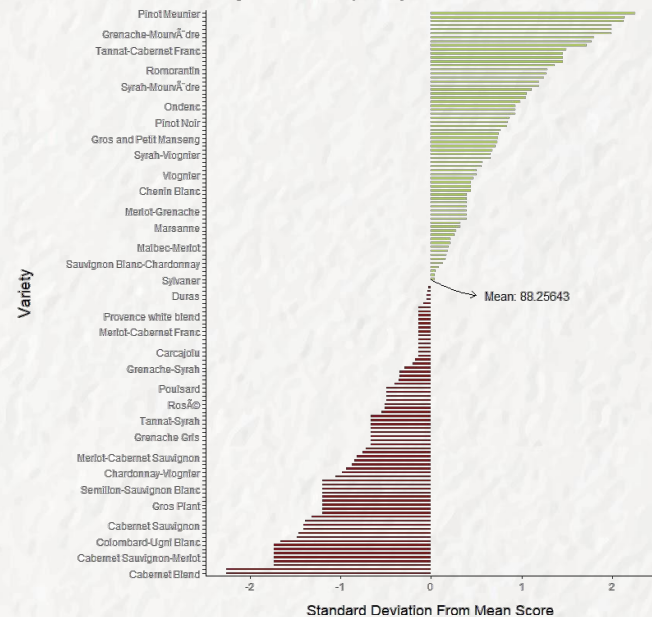


Because we determined price and points are directly correlated, we evaluated the top 10 countries based on this correlation.

WINES IN FRANCE

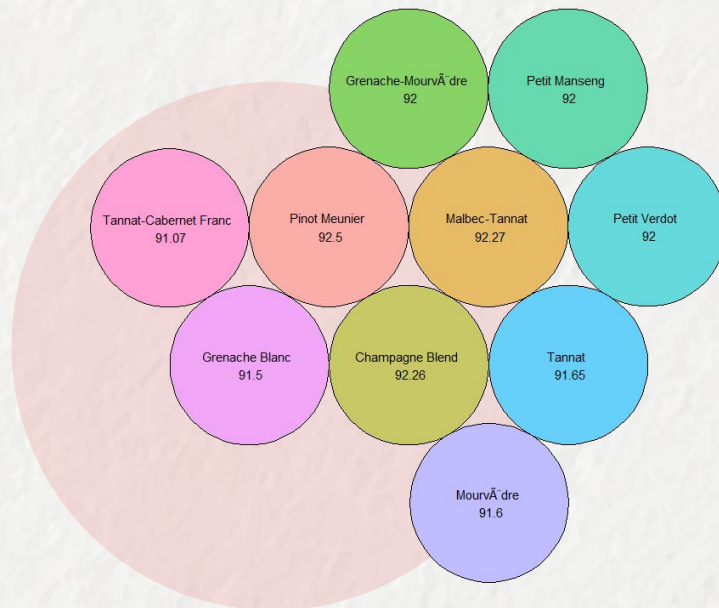
Wine Varieties in France

Average score for each unique variety



Top 10 Wine Varieties in France

Based on Average Points



FRANCE WINE GUIDE

Best Wine Titles in France

Based on points

- 99.00 a 99.25 a 99.50 a 99.75 a 100.00 variety a Bordeaux-style Red Blend a Bordeaux-style White Blend a Champagne Blend a Chardonnay



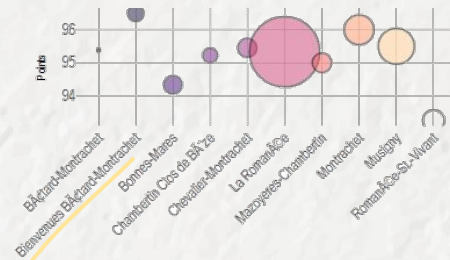
Average Price: \$41

Average Rating: 89 points

Average Vintage Year: 2012

Where to Spend Your Money:

Best Regions in France



Best Wine Money Can Buy:

Château Lafite Rothschild 2010 Pauillac: \$1500, 100 points

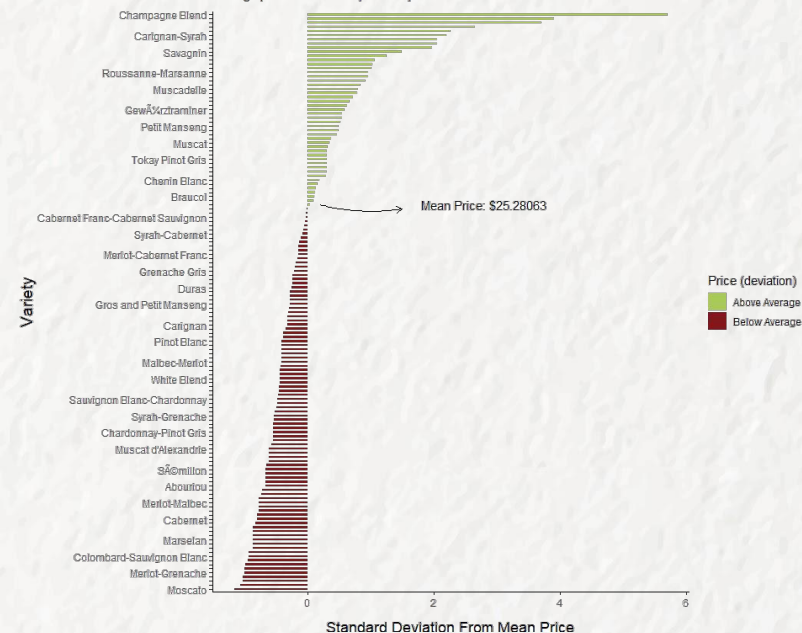
Best Wine For The Frugal:

Château L'Acoville Barton 2010 Saint-Julien: \$150, 100 points

WINES IN ARGENTINA

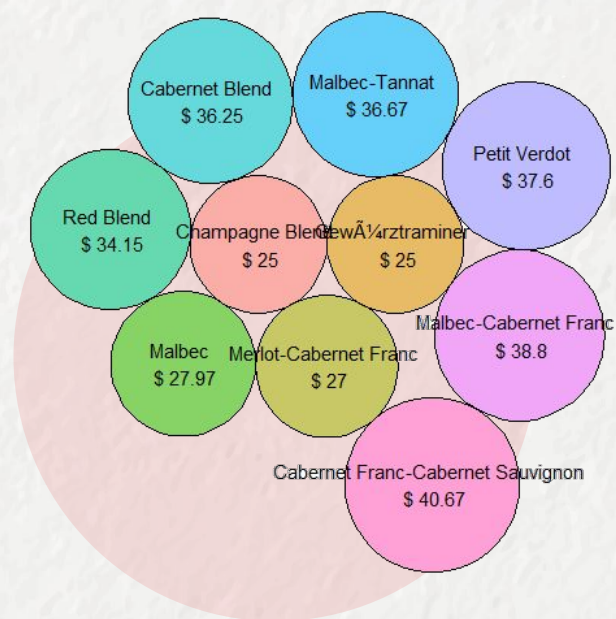
Wine Varieties in Argentina

Average price for each unique variety



Top 10 Wine Varieties in Argentina

Closest to Mean Price



ARGENTINA WINE GUIDE

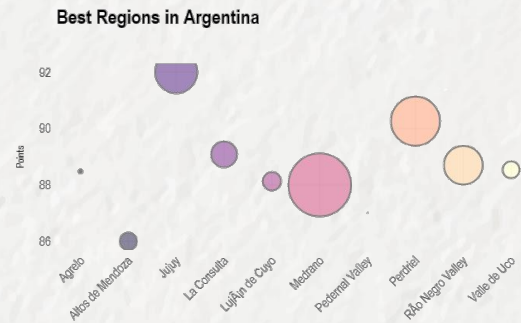


Average Price: \$25

Average Rating: 87 points

Average Vintage Year: 2011

Where to Spend Your Money:



Best Bang For Your Buck:

Mascota 2011 Unánime Gran Vino Tinto Red: \$25, 93 points

If You Want To Splurge:

Bodega Catena Zapata 2006 Nicasia Vineyard Malbec (Mendoza): \$120, 97 points

CONCLUSION

Deep Pockets

We found that price and points have a distinct correlation. The more expensive, generally the better the quality.

Aged Like Fine Wine?

Old wine doesn't necessarily mean good wine. We didn't find a distinct correlation between year and points.

Buy Your Ticket!

The best countries to visit for wine are France and Argentina.



Find a Country Based on Your Palate (and budget)

