

Spanish Wine Quality

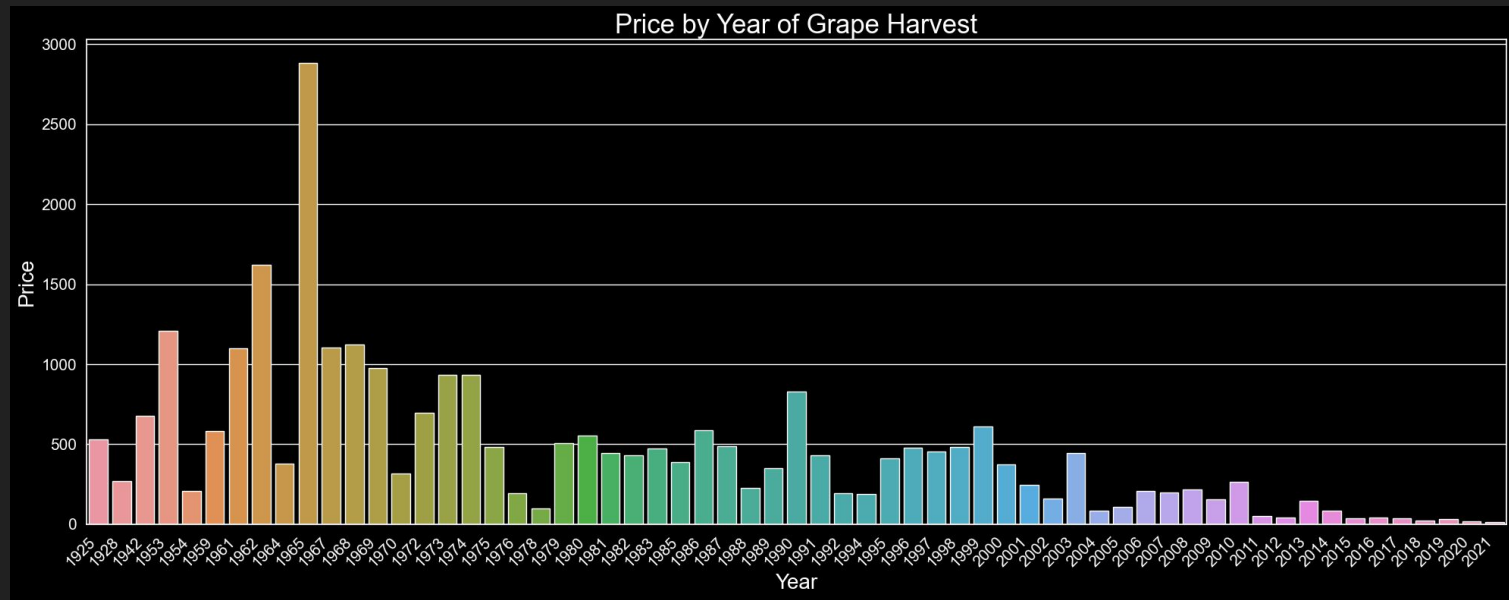
Stakeholders + Data Description

Stakeholders

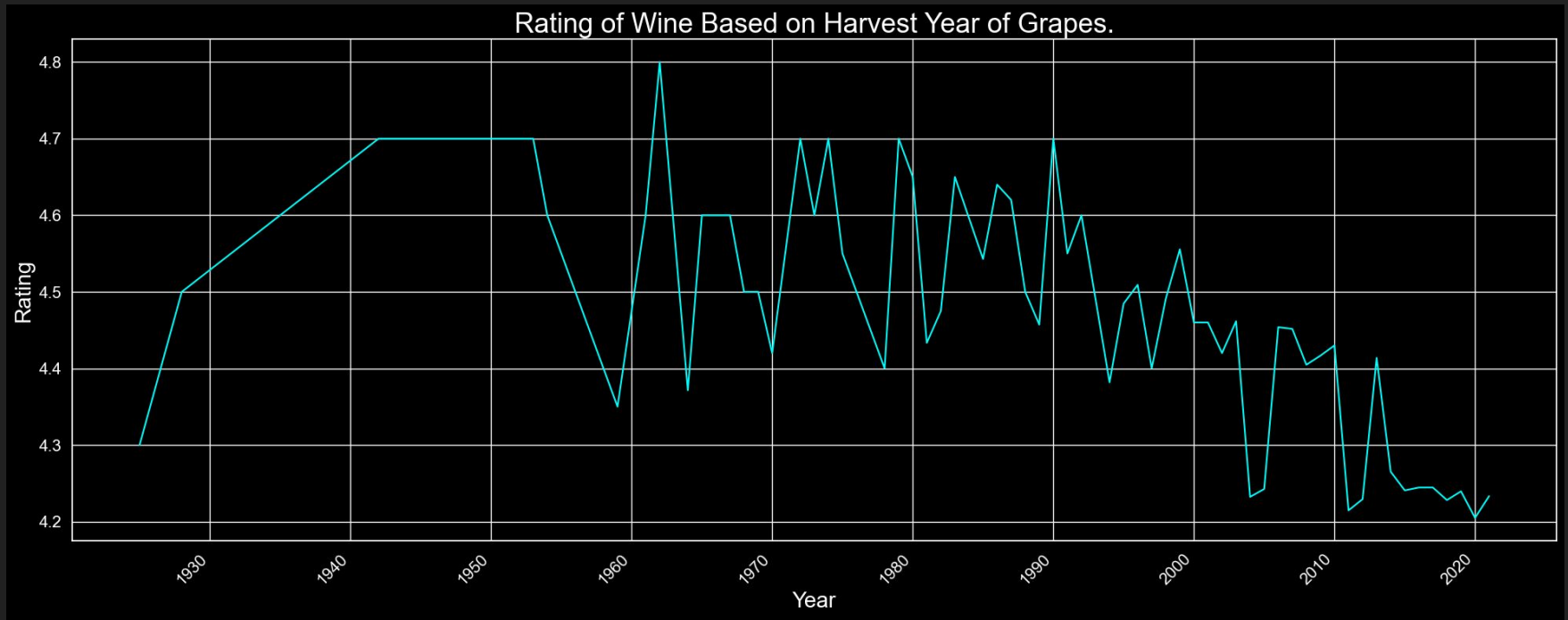
- Wineries
- Wine Customers
- Wine Reviewers + Wine Critics
- Wine Distributors
- Wine Enthusiast Communities

Description

- A list of 7000+ wines that describes their price, rating, and even flavor description.
- This data has many useful features and can be used for a wide variety of applications.



This bar plot illustrates that after the year 1969, there is a significant decline in the sale of wines priced over \$1000. This information is valuable as it suggests a potential issue with grape quality. Additionally, the bar plot demonstrates that the average price of wine is undergoing significant changes.



This line graph shows a very strong decline after 1990. This further indicates the possible decline in grape quality.

Strengths and Limitations

Strengths

- High R2 Score: A high R2 score indicates that the model can explain a significant amount of the variance in the data. This also signifies its ability to interpret a substantial number of relationships between features and targets.
- The model also has low mean absolute error, mean squared error, and root mean squared error. These lower numbers indicate the model has good accuracy in predicting the target.

Limitations

- Lack of interpretability: Random Forest models, are not easy to interpret. They can give accurate predictions. Understanding the reasons behind them can be hard.

Final Recommendations.