**Source:**

Wine Enthusiast (2017). Wine Review and Ratings: 130k wine reviews with location, variety, price and description. Retrieved from <https://www.kaggle.com/zynicide/wine-reviews>. Accessed on September 10, 2018.

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Owner’s Authorization: “I did not include the dataset that I scraped in this repository because of size, but feel free to run the scraper on your own or use the dataset that I provided on [Kaggle](https://www.kaggle.com/zynicide/wine-reviews).” Source-<https://github.com/zackthoutt/wine-deep-learning>

**Overview:**

Wine Enthusiast, a website for wine reviews have provided a review-based system for all the categories and types of wine available in the world, which allows wine lovers/sommeliers to review the wines they’ve tried. The review-based system was converted into a data set on Kaggle by the author and the data set consists of some interesting facts available for analysis. The data set consists of information such as the country of origin of the wine, description of the wine, the vineyard, price, region the wine is from, the wine taster and the variety of the grapes used for the wine. The data set was derived from a review-based system with ratings which allows us to identify sentiments for each type of wine tasted and will allow us to make an informed decision on which wines are most preferred. The data set consists of countries and region-specific information too, which can help us identify the popular regions and the countries with maximum wineries and the regions from which most wines are preferred. The data set also gathers information on the type of grapes used and we can see that there are certain grape categories which are preferred over others such as Pinot Noir and Chardonnay. This could provide an interesting insight that wines made from Pinot Noir and Chardonnay are the best sellers and are popular among the sommeliers too. Similarly, certain countries produce wines that are popular or preferred all over the world such as United States and France which occupy the major share of the wine market. The data set as described by the author has a potential to be used as a predictive model to identify the type of wine, price and winery just by identifying some key information based on various fields such as description by the sommelier, location and region, without even tasting or smelling the wine.

**Potential data users and decision makers for this data:**

Beverage Industries: The data set can be used by the beverage industries to identify the major market share of the wine industry by analyzing the popular type of wines and other information associated with it. It will also help them to identify the most preferred locations, regions and wineries and can help them analyze and make an informed decision on the distribution and sale of the wines.

Health Organization: The data set can also be used by health organization to identify the most consumed wines in order to identify the health factors related to the consumption. The data set can help identify the regions and countries with maximum production to analyze the health conditions of the people in those regions or provinces with more data on the consumption habits.

**Three questions this data might help to answer:**

1. Which are the most popular types of wines and their location or region?
2. What type of grapes are most preferred by wineries for wine production?
3. Which counties occupy the major share of the wine market?

Word Count:674