Project 2 notes – Wine Dashboard

Kaggle site:

* <https://www.kaggle.com/zynicide/wine-reviews>
* Update:
  + <https://www.kaggle.com/zynicide/wine-reviews/discussion/83970>

Article and visualizations

<https://nycdatascience.com/blog/student-works/visualizing-wine-reviews/>

Data Science is likeWine…

https://medium.com/mytake/design-for-data-science-with-wine-e8df7682a469

|  |  |  |
| --- | --- | --- |
| Classic | 98-100 | The pinnacle of quality. |
| Superb | 94-97 | A great achievement. |
| Excellent | 90-93 | Highly recommended. |
| Very Good | 87-89 | Often good value; well recommended. |
| Good | 83-86 | Suitable for everyday consumption; often good value. |
| Acceptable | 80-82 | Can be employed in casual, less-critical circumstances. |

Ed’s notes

* Personas
  + At dinner – look up wine by name
  + Finding wines similar to one you like – enter name
    - Similar points +/- 5%
    - List by descending points
      * cost
      * description – tastes, scents, nose etc
      * winery and location
  + Explorer
    - Data map
      * Tree from center of sphere on Variety – Designation
      * Cost – inexpensive to expensive (log scale?)
      * Size of dot – points
      * Color – continent
      * Connectors on attributes? (aroma – berries, color?)
    - Geography
      * Continent, country, region, winery
      * Types of wine – colored dot
      * Select type
        + Get points / quality by color
      * Need to find mapping of wineries to GPS
      * Wikipedia on wine producing regions
        + <https://en.wikipedia.org/wiki/List_of_wine-producing_regions>

APIs

<https://www.globalwinescore.com/api/>

You can use the free Global Wine Score API: <https://www.globalwinescore.com/api/>. The api returns a score for each wine along with other practical info (producer, region, etc.).

We have a database of over 26,000 wine scores which are calculated as an average from major wine critics. You can read more about it here: <https://www.globalwinescore.com/calculation/>.

1. API list

<https://www.programmableweb.com/news/8-top-wine-apis/brief/2020/04/12>

1. Wine Producers worldwide lists names and addresses, and can click in and also scrape names of products, prices and ratings

<https://www.wine-searcher.com/biz/producers>

Oregan Data – has address

<https://data.world/arthur/wineries/workspace/file?filename=oregon.xlsx>

visaulizations

1. Map that shows where the wineries are
2. Similar type of wine
   1. Type Chardennay – show all wineries with that selection
   2. Cost
   3. Rating

Heroku – number of rows…

US Government: <https://www.ttb.gov/foia/list-of-permittees>

By States

10,000 rows in Heroku Postgress

Select off the US rows….how many?

Breakdown:

Carter – visualizations

Ed Database / samples / API

* Postgres database design
* Download data
  + Wine
    - Clean
      * Points
      * Cost
      * Winery
      * Name
      * Type
      * Description
      * Reviewer
    - How many is 10K
      * USA?
      * Oregon?
      * West Coast: Oregon / California / Washington
  + Locations from Government database
    - 6 Files
    - Copy to Excel
* Load data
* Merge
* Sample data

Clair - HTML