Wine App setup

1. In Postgres run from folder: Data\SQL
   1. 08-wine\_schema.sql
   2. 10-wine\_load.sql
      1. Should load 8,356 rows
2. Open python in command prompt or power shell
   1. Conda activate PythonData (or appropriate Python environment)
   2. CD to \src\static\python
   3. python wine\_app.py
      1. should start flask
      2. should see Running on http://127.0.0.1:5000
3. open browser to <http://127.0.0.1:5000>
4. available routes:

[Get All Wines: http://127.0.0.1:5000/all](file:///C:\Users\edwar\Downloads\Get%20All%20Wines:%09%09%09%09%09http:\127.0.0.1:5000\all)

[Get a Specific Variety: http://127.0.0.1:5000/variety/Merlot](file:///C:\Users\edwar\Downloads\Get%20a%20Specific%20Variety:%09%09%09%09http:\127.0.0.1:5000\variety\Merlot)

[Get a Variety +/- rating and +/- cost: http://127.0.0.1:5000/options/Merlot/91/20](file:///C:\Users\edwar\Downloads\Get%20a%20Variety%20+\-%20rating%20and%20+\-%20cost:%09%09http:\127.0.0.1:5000\options\Merlot\91\20)

[Get Tasters for a Variety(no nulls): http://127.0.0.1:5000/tasters/Merlot](file:///C:\Users\edwar\Downloads\Get%20Tasters%20for%20a%20Variety(no%20nulls):%09%09http:\127.0.0.1:5000\tasters\Merlot)

[Get a particular +/- price http://127.0.0.1:5000/price/44](file:///C:\Users\edwar\Downloads\Get%20a%20particular%20+\-%20price%09%09%09http:\127.0.0.1:5000\price\44)

[Get a particular vintage year: http://127.0.0.1:5000/vintage/2012](file:///C:\Users\edwar\Downloads\Get%20a%20particular%20vintage%20year:%09%09%09http:\127.0.0.1:5000\vintage\2012)

[Get a particular winery: http://127.0.0.1:5000/winery/Aaron](file:///C:\Users\edwar\Downloads\Get%20a%20particular%20winery:%09%09%09%09http:\127.0.0.1:5000\winery\Aaron)

Note: I add routes and adjust returned variables easily…let me know!

1. Adding the wine\_count summary table

In Postgres run from folder: Data\SQL

* 1. 100-wine\_count\_schema.sql
  2. 103-wine\_count\_load.sql
     1. Should load 15
        1. Variety: variety
        2. Count of wines in this variety: variety\_count
        3. Number of wineries that have this variety: winery\_count
        4. Lowest vintage year: vintage\_low
        5. Highest vintage year: vintage\_high