

pyLiquor

Record Keeping for Alcohol Enthusiasts

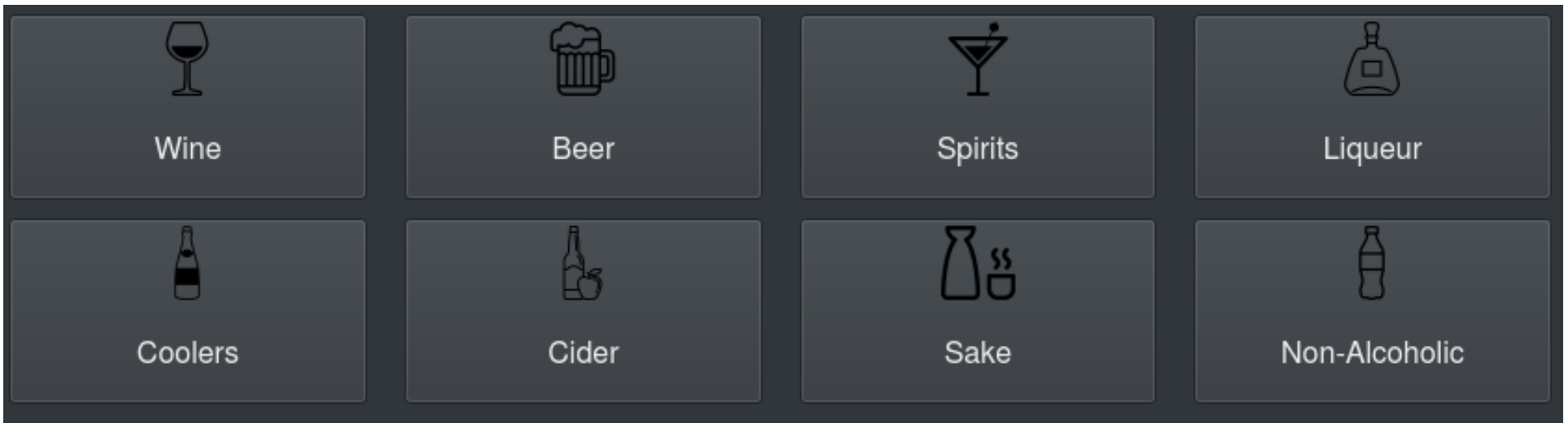
Web Scrapping

- Used BeautifulSoup and Selenium to scrape over 35000 different alcohols from LiquorConnect.com
- This process took roughly 3 days. Selenium is slow.
- Dynamically Creates CSV files from data gathered

```
1  from bs4 import BeautifulSoup
2  import requests
3  from selenium import webdriver
4  from selenium.webdriver.support.ui import WebDriverWait
5  from selenium.webdriver.support import expected_conditions as EC
6  from selenium.webdriver.common.by import By
7  # from selenium.common.exceptions import TimeoutException
8  import time
9  import json
10 import csv
11
```

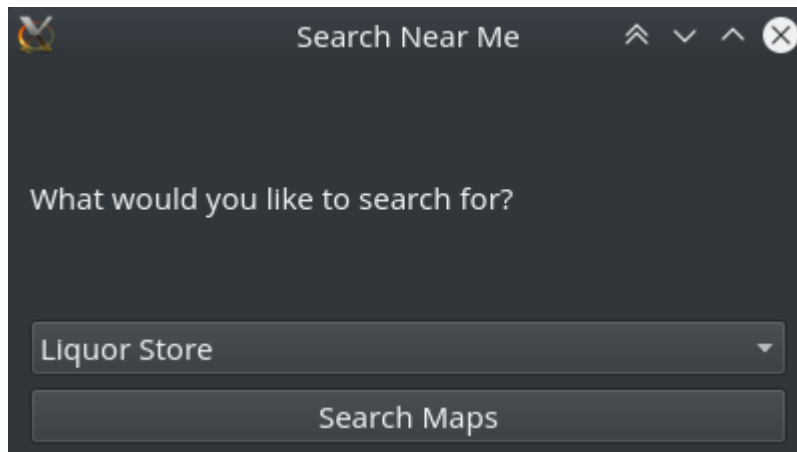
GUI

- GUI is implemented with pyqt5, a framework built on top of the popular C++ GUI framework, Qt5



Features

- View liquor database
- Search and filter through different csv files
- Add and remove items from your “cabinet”
- View google search results for liquor store locations near you



```
def search(self, search_args: str):
    """Performs the filtering of the data necessary for a search. returns
    only results matching the criteria provided by the search_args

    Arguments:
        search_args {str} -- The arguments given by the user
    """

    pattern = r'{}'.format(search_args.upper())
    results = self._all[self._all.Name.str.contains(pattern) |
                        self._all.Maker.str.contains(pattern) |
                        self._all.Category.str.contains(pattern) |
                        self._all.Sub_Category.str.contains(pattern) |
                        self._all.Origin.str.contains(pattern) |
                        self._all.Region.str.contains(pattern)]

    for index, item in results.iterrows():
        yield self.make_object(item, "search_result")
```

Live Demo