

Project Guidelines
Econ258-01 Spring 2019
Professor Geoghegan & Mr. Marchesi

Introduction

For this project you will be split up into four groups to collect and analyze factors affecting the supply and demand for craft breweries throughout New England. This project will take place throughout the semester, culminating in a poster presentation at the Academic Spree Day on April 24th, 2019 in-class group presentations at the end of the semester, and capstone students will present a poster at the Department Capstone Poster Session (April 29th, 2019, 4:30 pm, Grace conference room, UC). Each group will utilize data from the American Community Survey 2017 5-year dataset and their own breweries data set to perform basic OLS regression analysis to investigate the potential influences/determinants on a number of supply side related characteristics of beer/breweries including the number of breweries, the prices of different types of beers, volume of beer, etc.

Data

We have set up and will provide each group with a baseline ArcGIS map including the ACS 5-year 2017 socioeconomic data at the block group level, as well as primary and secondary roads throughout your assigned region.

We have acquired current data related to breweries throughout New England from Infogroup. You will be utilizing the Infogroup data as a baseline for your work but will be supplementing the information using the state websites provided. You will use this information in conjunction with the ACS data to perform your own economic analysis.

Beer Data

Massachusetts

<https://www.mass.gov/service-details/craft-breweries>

New Hampshire

<https://www.nhbeer.org/beer-map/#breweries>

Connecticut

<https://data.ct.gov/Business/Active-CT-Breweries/rbsm-sy4k>

Rhode Island

<https://www.ribrewersguild.org/rhode-island-brewery-map/>

Maine

<http://mainebrewersguild.org/map/>

Vermont

<https://www.vermontbrewers.com/breweries/>

Project Outline

February 4th 2019 – Group Assignments posted

February 11th 2019

Assignment:

1. Using the 2019 Infogroup data, each group will cross-reference the data with their states list of breweries. Those breweries that were not listed in the Infogroup data will be added to your formal list, including all information provided by the state websites given above. Additionally you should obtain GPS coordinates using [this website](#) and include this in the excel sheet given to you.

February 18th, 2019

Due

1. Variable selection sheets.

February 22nd 2019

Due

1. Cross reference list.

Assignment:

1. Begin to investigate the history of your states' liquor laws, going back to about 1995. Recommend an excel list of the liquor laws and their changes over time.
 - a. This will be due on March 1st
2. Your research questions
 - a. 3 questions – due March 15th
3. Begin your literature review, including reading the given reference list.
 - a. A rough draft of this will be due on March 22nd.

March 1st 2019

Assignment:

1. Over break you will use the brewery website for the breweries that had been missing from the Infogroup data, and find out the information on the template
 - a. Name of owner or founder, gender of the individual, and the year of opening.
 - b. Due – March 15th
2. Your research questions
 - a. 3 questions per group– due March 15th
3. Begin your literature review, including reading the given reference list.
 - a. A rough draft of this will be due on March 22nd.

March 15th 2019

Due:

1. Your three research questions
2. Completed state data lists
 - a. Name of owner or founder, gender of the individual, and the year of opening.

Assignment:

1. Literature review, including reading the given reference list.
 - a. A rough draft of this will be due on March 22nd.
2. Summary Statistics & Maps
 - a. Due 3/29
 - b. This should include the key variables you are interested in
 - i. Be thinking about what variables you need to answer your questions, these will be what you include in your regressions
 - c. Once I have obtained every groups completed excel sheets of their regions breweries, I will compile this into Stata datasets,
 - i. I will need a few days but should have this finished by 3/20
 - d. Using the ARC GIS maps and the geocoded breweries, create a map highlighting their spatial location

March 22nd, 2019

Due:

1. Your draft of a literature review

Assignment:

1. Summary Statistics & Map
 - a. Due 3/29

March 29th 2019

Due: Summary statistics & Maps

1. Summary Stats - This should include the key variables you are interested in
 - a. Due as a word (.rtf) document or a (.log) file.
2. Maps – Due as image file or PDF

Assignment:

1. A final draft of your literature review
 - a. Due: 4/5
2. Baseline Regressions
 - a. Due: 4/12
 - b. You should be performing your first regressions

April 5th, 2019

Due: Literature Review

1. Final draft of your literature review.

Assignment:

1. Baseline Regressions
 - a. Due: 4/12
 - b. You should be formatting these regressions into output, reference the Stata document on Moodle
 - c. It doesn't have to be a complete idea of the regressions you want but it should be close to the final versions.
2. Begin working on Poster & PowerPoint Presentation
 - a. Due 4/18 – Poster
Due 4/22 - PowerPoints
 - b. Think about your structure
 - i. Use references provided on Moodle
 - c. PowerPoints
 - i. You will build this from your poster
 - ii. Due on 4/22 for ALL GROUPS

April 12th, 2019

Due: Regression output

1. I will look over the regressions you've done and make suggestions.

Assignment

1. Poster
 - a. Due 4/18
2. Presentations
 - a. Due 4/22

April 19th, 2019

Due:

1. Poster
 - a. Was due on 4/18
 - b. We will go over your posters as preparation to send out and for your Academic Spree Day Presentations

April 22nd, 2019

Due

1. Presentations – All groups will submit their slides on 4/22 on Moodle even if you are not presenting