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Workbook : Machine Learning¶

For our last section workbook (so that next week you can ask questions about and work on your final projects in section), we're going to work with a dataset all about craft beer. We'll work to predict what type of beer each is based on the characteristics of that beer.

Disclaimer: Working with data about beer does *NOT* mean that I'm encouraging the drinking of beer by students. In fact, your professor doesn't even like beer (blech). Specifically, individuals under the age of 21 are not legally allowed to consume alcoholic beverages, but lucky for you all, that doesn't stop us from working with data on the topic!

The data we'll use here come from a publicly-available Kaggle dataset on craft beer (<https://www.kaggle.com/nickhould/craft-cans>).

Part I : Data, Wrangling, & EDA¶

To get started, you'll need to **import the following**:

- `pandas as pd`
- `numpy as np`
- `from sklearn.svm : SVC`
- `from sklearn.metrics : confusion_matrix , classification_report , precision_recall_fscore_support`

In [1]:

Student's answer

(Top)

your code here