Research Report

Using Tensorflow as Main Tool

Pro:

* Large Developer Community: Many specialists in data analysis prefer using Tensorflow over PyTorch. This naturally leads to a development of a larger and a more active community within people who utilizes Tensorflow for machine learning. The main benefit from this large community is that availability of many resources that we can have access to whenever we have any trouble with compiling or figuring out code.
* Better Visualization Tools for ML: Unlike PyTorch, Tensorflow has its own built-in tools that help programmers visualize any trained data models or other clusters that is difficult to identify unless it is provided as output in the form of graphs.

Con:

* Steep Learning Curve: Tensorflow, despite its benefits having a larger community and better visualization tools, has a steep learning curve, indicating that it is difficult for beginners to deeply understand the tools for Tensorflow.

Scrapy:

* Open-source tool that allows anyone to “scrape” data from websites.
* Can be easily installed through Anaconda or Miniconda.

Creating Chrome Extension:

* Requires knowledge of basic HTML, CSS, and JS.

# There is an official documentation from Google that lists out the steps needed in order to make a chrome extension.