

The Python Scraper application is a Scrapy based web scrapy that retrieves an Items MSRP, name, available stores, and price at each store. The entire project only took a few hours however I had repeated issues with VS Code activating the environment Scrapy was installed in.

Day 1 (4hrs): To start, I researched different web scrapers to use for the project and settled on scrapy due to the speed of the API. And After creating a new environment and installing scrapy, I auto generate a scrapy project, adding a spider, and a main class. I wrote the main class to get a item UPC code from the user, and then construct and start a spider before printing the results. Then I constructed the spider; Having the first parse function find the item page from a search of the UPC, and the second collect the data and write it to a file.