

SI 507 Final Project Proposal:
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Data Source:

Crawling [and scraping] multiple pages in a site you haven't used before

- I plan to crawl and scrape multiple Amazon sites based on the product the user chooses to track pricing on. For instance if I would like to be notified of a portable Bluetooth speaker, I would crawl and scrape this page:
https://www.amazon.com/dp/B07N1C2556/ref=cm_gf_aAN_i18_d_p0_qd0_HVUUXAxIDOfW3UVJ9kSV

Challenge Score: 8

- Based on the number of pages and information I will be crawling and scraping, I access the challenge score to be an 8. If there needs to be an additional data source, I would most likely utilize data via json or cvs to support any additional information I would need for my program.

Description:

- I am able to crawl the page really well. However, I am not sure of how many times I will be able to crawl. I plan on having my program send an email or desktop notification when the price of the product drops a certain percentage or spikes up. The user will get to input which product they want to see listings for and then pick the product they want to track.

Presentation:

- I will be a user interface. I would however, like to create a graph that showcases the price of certain products daily to see if they stay consistent or if there was a date they spiked and why.