**Scrappy Spider Project Ideas:**

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1. Scrap Data from **food super markets** and create a website where users can be able to compare online food prices from online food stores such as Checkers, Woolworth, Pick n Pay, and also liquor prices

\*Many supermarkets now offer customers the ability to buy food online, stores such as Woolworths, Pick n Pay, Checkers and Macro.

\*The basic aim here is to use python Scrapy in order to scrap food prices from these online retail stores and then compare the food prices to show the customer which option is cheaper. But this means that I will have to create a search engine, where the customer can search for food, or I can simply create a web page where the most common foods that people buy online can be searched, things such as Sugar, Eggs, Maize meal. Basic basket foods, I can start off with these foods, and I want to take these prices and then store them in a database and make sure that the web scraper is able to update these prices hourly. And then ill take them from the database and then post them on the website.

2) Scrape **accommodation prices** off accommodation websites such as Remax, and Pamgold for rental prices in Grahamstown so that students can have a single place where they are able to compare prices for accommodations that are listed on a single site.

\*Students always struggle to find the best prices for accommodations, they don’t have a single place where they can compare prices for accommodations and I need to create a web scraper that’s able to scrape the accommodation prices and pictures, store them on a data base and then report these to students.

\*I also need to be able to run analytics and how the students a dashboard of all the prices and accommodation based on factors such wifi availability, distance to campus etc

3) I need to create a website where I am able to **scrape prices for laptops**, this is where I make a comparison between the laptop prices that takealot offers, Hp store offers, incredible connection offers, game offers, makro offers on a similar range of laptops, so that a consumer is able to log into the website and compare the prices that each store offers for the same brand of laptop with the same specifications or even similar sepcifications, again this will need me to work off a database, and then to ensure that the web scraper is able to scrape the data on a continuous bases.

4) Uber vs Bolt prices

\*although this is very tricky, it would be super useful to be able to create an website where users can be able to compare uber and bolt prices, and then click on the cheapest option which will then prompt them to open their Uber or Bolt accounts, and then request the trip online.