

What is common between a Data Scientist
and a Hacker?

Answer the question in one single word

Geographical Data Visualizations

Scraper

Let's do something “fun”

Project 1: Scrap Zillow to list house for sales and shows them in Google Map

- Download Google Chrome <https://www.google.com/chrome/>
- And install the Instant Data Scraper
 - <https://chrome.google.com/webstore/detail/instant-data-scraper/ofaokhiedipichpaobibbnahnkdoiiah/related?hl=en>
- Go to Zillow, enter Queens College and choose “For Rent”. Use the Instant Data Scraper to download the data.
- Write a Python script to parse the download file to create a HouseForSale CSV file
Use <http://jsonviewer.stack.hu/> to view the JSON data
- Show them in folium

Project 2: Scrap Starbucks website and show them in Google Earth

- Download Parsehub (<https://parsehub.com/quickstart>)
- Follow the instruction from Parsehub blog to scrap Starbucks website to download their store location near you
 - <https://www.parsehub.com/blog/how-to-get-the-locations-of-retail-stores-with-web-scraping/>)
 - <https://www.starbucks.com/store-locator?map=46.805111,-114.009559,12z>
- Download Google Earth (<https://www.google.com/earth/versions/#earth-pro>)
- Install simplekml (pip install simplekml) and create a Google Kml file