Overview:

For the final project, I'm going to crawl multiple pages in Glassdoor and scrape data about UX jobs as well as companies offering them. I will create a database with two table, one with information about the job(title, company, posted date) and another with information about the company(city, founded year, industry, size, and so on.)

Data source:

https://www.glassdoor.com/Job/jobs.htm?suggestCount=0&suggestChosen=false&clickSource=searchBtn&typedKeyword=UX&sc.keyword=UX&locT=C&locId=1130337&jobType=

Presentation:

An interactive command line prompt for user to choose data/visualization options. Display selected graphs using plotly.

Visualization options are:
- Map: Companies plotted on map
- Dot plot: jobs plotted on a dot plot with posted time as X axis and industry on the Y axis
- Bubble plot 1 : with company information - founded year, city, industry, number of jobs
- Bubble plot 2: how many companies are in one industry

Challenge score:

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