



## Introduction

- **Purpose:** This assignment is a simulation of backend jobs at Ariya Digital.
- **Tech stack:** python
- **Quality:** you will be judged based on styling, simplicity of the code, and dependencies required to run the code

## Task

To create a scraper function with BeautifulSoup4 that scrapes a website like zillow.com. It should store all the scraped information in a json format, export to **zillowInsight-[location].json**, AND in a csv format, export to **zillowInsight-[location].csv**:

- Your script should take in an array of strings (locations). In this example, use ["sanfrancisco-ca"]
- Your script should then go to this page and start the scraping:  
<https://www.zillow.com/sanfrancisco-ca/home-values/>
- The data structure (name value pairs) should contain the following:
  - zillow-value: 1436145
  - one-year-change: 4.4
  - one-year-forecast: 5.7
  - market-temperature: cool
  - price-sqft: 1108
  - median-listing-price: 1310500
  - median-sale-price: 1370900
  - avg-days-on-market:87
  - negative-equity: 0.026
  - delinquency: 0.002
  - rent-list-price: 4500
  - rent-sqft: 4.37
- Visit each of the neighborhood links and recursively record the above data structure per neighborhood
- Dump the json/csv to /data folder inside of the project

## Submission

- Please list the commands required to prep and run the code in a readme
- Send us project source code in .zip file + instructions.
- One should be able to use mac/linux to run the code.