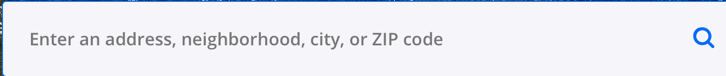
**Use case 1 : Data Collection**

We would like to obtain current and historical value for every single-family residency in the US.

The information exists in website that has the following pages:

1. Landing Page



1. Search Results

Graphical user interface, application

Description automatically generated

3.Result Details

A screenshot of a house

Description automatically generated with low confidence

We would like to receive the results in the following format:

| Full Address | Current Value | Historical Jan 2018 | …….. | Historical Aug 2021 |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |  |  |  |

1. Please write in Python, how would you transform the graph in the sample above and capture it in a table format as per the example. Use the following link:

https://www.zillow.com/homes/32022-Poppy-Way-Lake-Elsinore,-CA-92532\_rb/17937295\_zpid/

1. Please write in python , how would you extract the full address & Current Value. And capture it in a table format as per the example. Use the following link:

<https://www.zillow.com/homes/32022-Poppy-Way-Lake-Elsinore,-CA-92532_rb/17937295_zpid/>

Potential Technical capabilities -

Python

Scrapy

Beautifulsoup

HTML , JS

Selenium