

Project Proposal

BUAN 6340.001

Programming for Data Science

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Introduction:

In today's real estate market, having access to accurate and up-to-date data is crucial for making informed decisions. This project aims to collect real estate data from Zillow, one of the largest online real estate databases, through web scraping techniques. By gathering this data, we can analyze trends, property values, rental prices, and more, providing valuable insights for various stakeholders in the real estate industry.

Meta Data:

- Price (in Dollars)
- Size (sq foot)
- Number of Bedrooms
- Number of Bathrooms
- Garage present (Boolean)
- House Age (years)
- Fireplace present (Boolean)
- Additional features

Data Population:

- Web Scraping: Utilize web scraping techniques to extract data from Zillow's website. This involves the following steps:
 - Sending HTTP requests
 - Parsing HTML content

Data Storage:

- The collected data will be stored in a structured format in a CSV file.

Example Website link:

- [Zillow plano](#)