Project Proposal- Web Scraping & Linear Regression

Question/need:

- What is the framing question of your analysis, or the purpose of the model/system you plan to build?

  I am going to predict Chicago house price by building a linear regression model.

- Who benefits from exploring this question or building this model/system?

  Anyone who is looking for purchasing or selling a house or real estate agency

Data Description:

- What dataset(s) do you plan to use, and how will you obtain the data?

  Data collecting: web scraping real estate websites - Government Websites

- What is an individual sample/unit of analysis in this project? What characteristics/features do you expect to work with?

  Observations: Each house on the market, each row of the dataset

  Features: Beds, Baths, sqft, address, zip code, garage space, year built, style, basement

- If modeling, what will you predict as your target?

  Target: house price

Tools:

- How do you intend to meet the tools requirement of the project?

  Python Jupyter Notebook, Beautiful Soup package

- Are you planning in advance to need or use additional tools beyond those required?

MVP Goal:

- What would a minimum viable product (MVP) look like for this project?

  Be able to get the price after knowing the location, beds/baths, size, year built...