

1. Throughout this project, we acted as investigators to uphold the system of accountability created by the San Francisco lawmakers: listers must register with the city's planning office and put the business license's number on Airbnb's website, Airbnb must display some effort in validating these policy numbers, and third parties can register a complaint of illegal short-term rentals with the city planning office. We used web-scraping to do the latter using several hours of our personal time.

Imagine you're a software developer at either the San Francisco Planning Office (SFPO) or Airbnb.com. Describe a different system that verifies that the business license is valid for short term rentals in San Francisco and list at least two arguments you might hear at your organization (either SFPO or Airbnb.com) against adopting your system.

If I was a software developer for Airbnb, I would propose a different system that would prohibit Airbnb hosts from hosting customers until they can provide a valid short-term rental policy number. This system would make the valid short-term rental license a stringent requirement, and would not allow the Airbnb organization to be lenient when it comes to approving hosts without the license. The Airbnb organization might argue that this system would slow business by reducing the amount of active hosts, and that it could be time consuming to implement these changes and properly verify the numbers.

2. The database we've created through web-scraping is a great data source of information for data scientists in order to answer and explore research questions. Skim through the [Housing Insecurity in the US Wikipedia page](#) and describe at least one research question that you could answer or explore using this data if you were a data scientist working with a housing activist organization to fight against housing insecurity.

If I was a data scientist working to fight against housing insecurity, I would use this data to examine the correlation between the number of Airbnb's in a certain area and the amount of homeless or housing insecure people in the same area. I would also want to see how the number of Airbnb residences concentrated in a certain area influences the cost of available housing options.

3. As discussed in the introduction, the legality of web scraping is still uncertain in the US. Skim through the [Legal Issues section of Web Scraping in the US on Wikipedia](#) and [this article about](#)

[the legal issues with the Computer Fraud and Abuse Act](#), and describe at least one factor you believe is important to consider when discussing the legality of web scraping and why.

One factor that is important to consider when discussing the legality of web scraping is that web scraping is an important activity for many professionals, such as researchers, archivists, and analysts who use web scraping to collect large amounts of information that is available on the Internet. These people use web scraping for preservation purposes, which is increasingly important in our digital age, and for progressing in different kinds of academic and technological research.

4. Scraping public data does not always lead to positive results for society. While web scraping is important for accountability and open access of information, we must also consider issues of privacy as well. Many argue that using someone's personal data without their consent (even if publicly provided) is unethical. Web scraping requires thoughtful intervention, what are two or more guidelines that must we consider when deciding to use or not to use public data?

When deciding whether or not to use public data, we should also consider what we are intending to do with the data that is collected, and to have strict guidelines for projects that are used for research or any purpose with high stakes or high publicity. The data that is scraped should not be used for any purpose other than what is required for the project or research. Another guideline to consider when using public data is to not use data that could be used to identify individuals, such as social security numbers, in order to protect the privacy of the people involved.