**US AirBnB Project**

**Project Overview**

* Motivation: Summer is in full swing, and US citizens are traveling nationwide. People are always interested in knowing where to find a bargain when traveling; perhaps this dataset can help.
* Objective: Determine the most affordable places to stay, which city or county offers the most options, and what room types are the best for what they offer.
* Scope: This dataset contains information on 27 different cities and counties around the country with various AirBnB room types, availability, host info, and locations.

**Research Hypothesis**

* Coastline cities and counties will offer the most expensive options.
* Shared rooms will be the cheapest option available.
* Cities with the most availability will also have cheaper options.
* Rooms that have more words to describe their name will be more expensive.

**Data Overview**

* Source: <https://insideairbnb.com/>

**Data Limitations**

* Only updated annually. The last update was in April of 2023.

**Descriptive Analysis**

|  |  |  |  |
| --- | --- | --- | --- |
| **Variable** | **Mean** | **Median** | **Standard Deviation** |
| Entire home/apt | $282 | $177 | $871 |
| Hotel room | $740 | $240 | $1228 |
| Private room | $192 | $75 | $1365 |
| Shared room | $99 | $42 | $457 |

**Key Questions**

1. Which types of rooms or units are most popular?
2. Which types of rooms or units are the best deal?
3. What cities offer the cheapest units? The most expensive?
4. Which cities offer the most options?
5. Which cities offer the most availability?