# Airbnb Listing Analysis

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# 4-23-2021

**Introduction**

In this report, I have analyzed the Airbnb listings dataset for Hawaii from 2008 to 2021. I was able to use Google Cloud to run my analysis on Jupyter notebook. I was able to perform each step are list in the USGS lifecycle model [1], which includes Plan, Acquire, Process, Perserve and Publish/Share Airbnb listing analysis.

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**Background**

I chose to work on Airbnb Listing analysis because my favorite vacation place is Hawaii. I am interested in getting an Airbnb in Hawaii next time I visit. I would like to understand what Airbnb listings are there and what are the statistics I can pull out it, so it will help me well-informed when I choose my future Airbnb at Hawaii. Luckily, I was able to find the public dataset on Inside Airbnb website.

**Methodology**

I started by setting up the environment for Jupyter Notebook on Google Cloud. I was able to use Jupyter Notebook AI to run my notebooks.

**Results**

**Discussion**

**Conclusion**

**Reference**

[1] Plale, Beth, and Inna Kouper. “The Centrality of Data: Data Lifecycle and Data Pipelines.” *Data Analytics for Intelligent Transportation Systems*, Elsevier, 7 Apr. 2017, www.sciencedirect.com/science/article/pii/B9780128097151000043?via%3Dihub.

* Methodology (steps taken to address the problem, including the technological setup 1-2 pgs)
* Results (1-3 pgs)
* Discussion (an interpretation of the results + a discussion of how you employed the technologies / skills from this course + any barriers or failures you encountered, 1-2 pgs)
* Conclusion (1 paragraph)
* References

**Challenges**

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Install pip3 and wget, and anaconda, and jupyter notebook

Text

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