

Advanced Spreadsheets Project: Airbnb NYC Analysis

This project was designed to demonstrate my proficiency as an analyst with data manipulation and formulas in Microsoft Excel and Google Sheets. For this project, I used google sheets to clean, analyze, and present the data.

[Airbnb NYC Data Set](#)

[Link to Google Sheet Project File](#)

[Link to Google Docs Project Report](#)

Description:

- 12-page workbook
- Client report with Recommendations
- Includes five protected sheets, raw data, data dictionary, and processed data. Includes table of contents, assumptions and change log, data analysis, pivot tables, and visualizations.

Process:

I first reviewed the data dictionary and explored the data for any potential setbacks. I performed calculations to clean the necessary columns. Next, I analyzed the data with additional calculations and created pivot tables with visualizations. I documented all changes to the change log tab in the workbook and created a table of contents and an executive summary for the client's use.

Recommendations & Limitations:

- Neighborhoods with one-bedroom properties are our most popular property size.
- Harlem, the Lower East Side, and Hells Kitchen are the most popular neighborhoods. These neighborhoods also have the most one-bedroom properties.
- The highest earning neighborhoods with one-bedroom properties and reviews within the last 12 months are not the same as our most popular neighborhoods. Instead, they are the West Village, Chelsea, and Midtown.
- Further research is needed to determine housing cost and expenses in our top neighborhoods vs highest earning neighborhoods. We will need this information to accurately describe the income earning potential of a listing.

Reviewer Comments

Hello, Nathan. I glad to see you again =)

Thank you for your excellent work, it's almost perfect. Your Excel is easy to read, you brilliantly added calculations and precisely answered all the questions. You did an excellent job in this project! Excel can be tedious, but it is a powerful tool. There are no issues that need to be fixed, so I can accept the project now. Awesome job Thank you for your work and I wish you success in your next projects! 😊

• reviewer

Collapse