

Visualizing Airbnb rentals in Chicago using Power BI



By Nigel Karikari

About Me



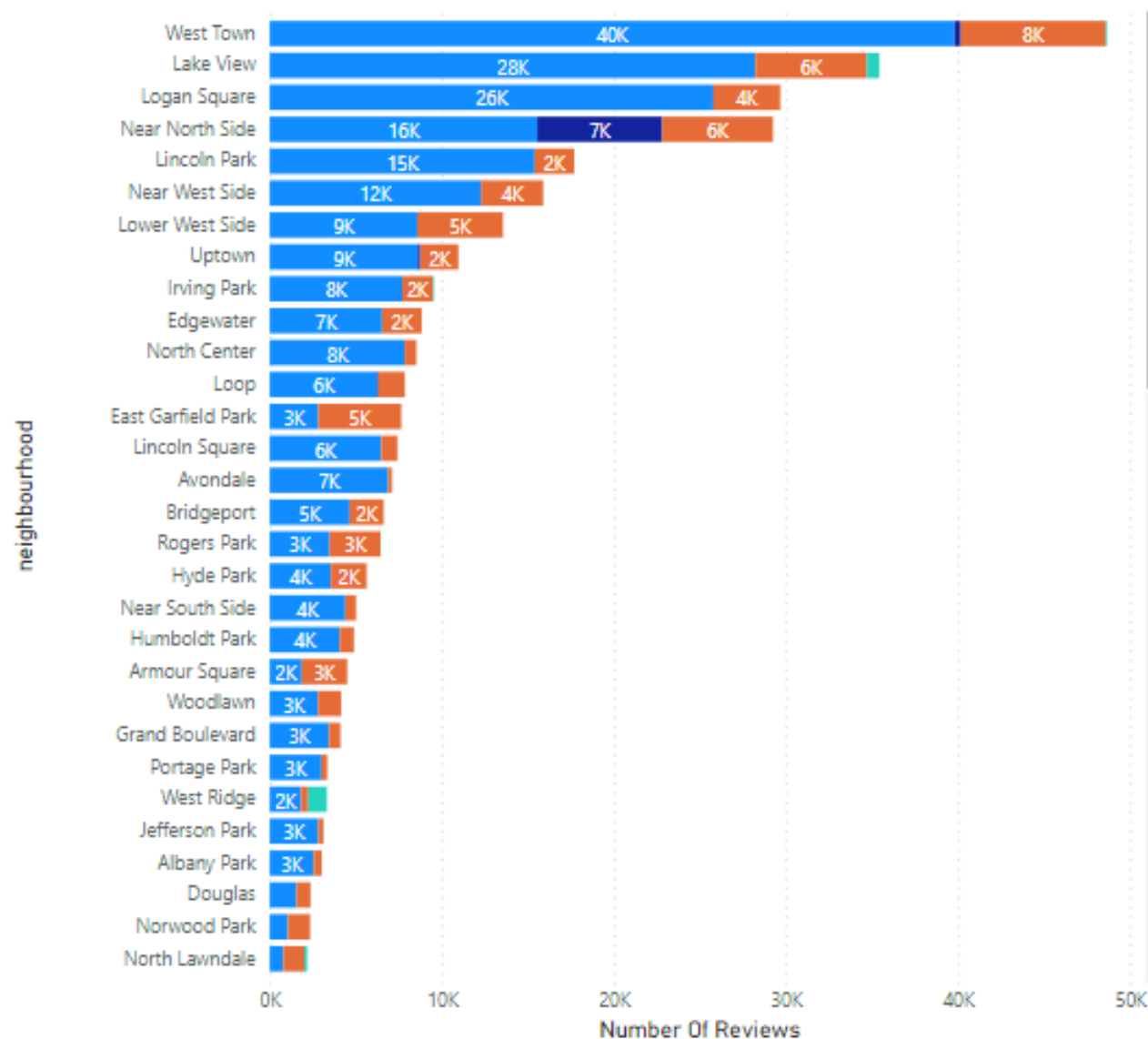
My name is Nigel Karikari, a Ghanaian data analyst with deep knowledge in Cybersecurity and mobile app development.

I work remotely as a freelance data analyst and mobile app developer. Turning data into actionable insights by the use of statistical analysis and data visualization fascinates me.

I use R, python, Power BI, flutter and SQL for my regular work.

Number Of Reviews by neighbourhood and room type

room_type ● Entire home/apt ● Hotel room ● Private room ● Shared room



West Town has the highest number of reviews on entire homes/apartments and private rooms, with 39813 and 8418 reviews, respectively.

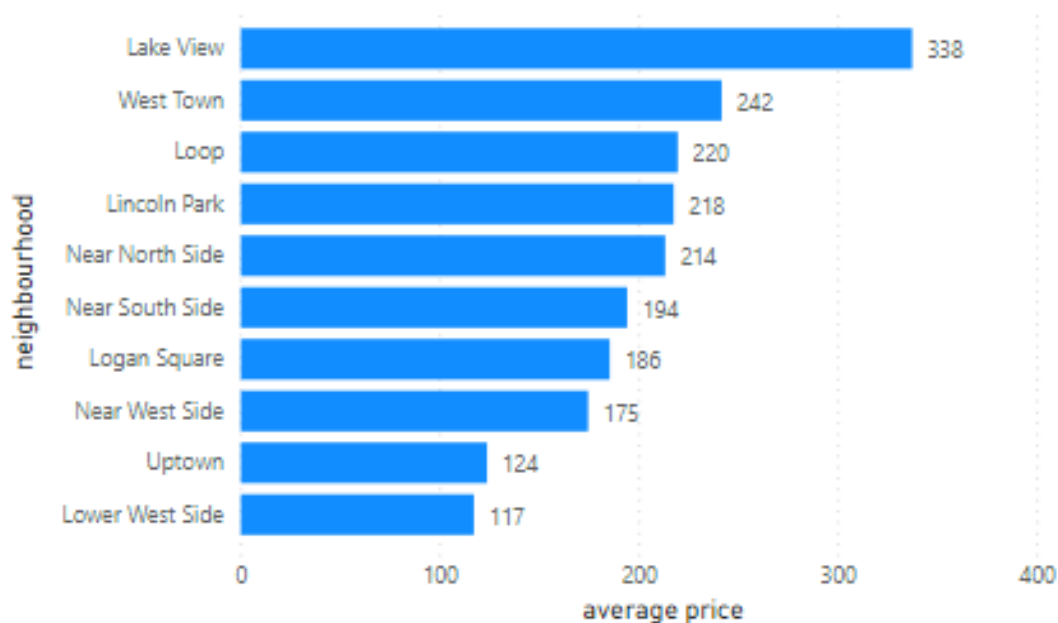
Near North Side has the highest number of reviews (7263 reviews) on Hotel rooms.

West Town is the most popular neighbourhood, with 48664 reviews in total.

The average price of an Airbnb accommodation rental in Chicago is \$199.

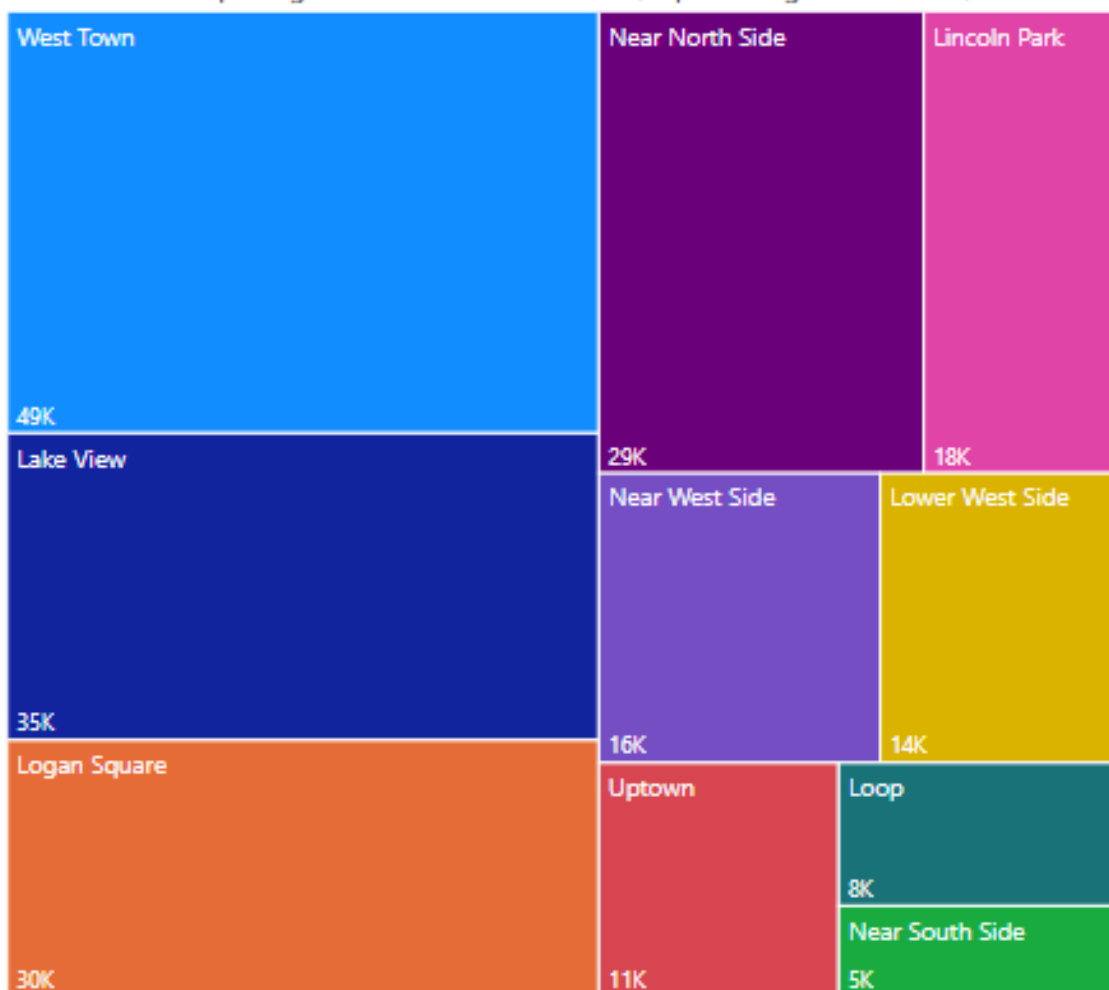
Lake View has the highest average price, at \$338.

Average Price by Neighbourhood (Top 10 neighbourhoods with highest number of accomodations on airbnb)

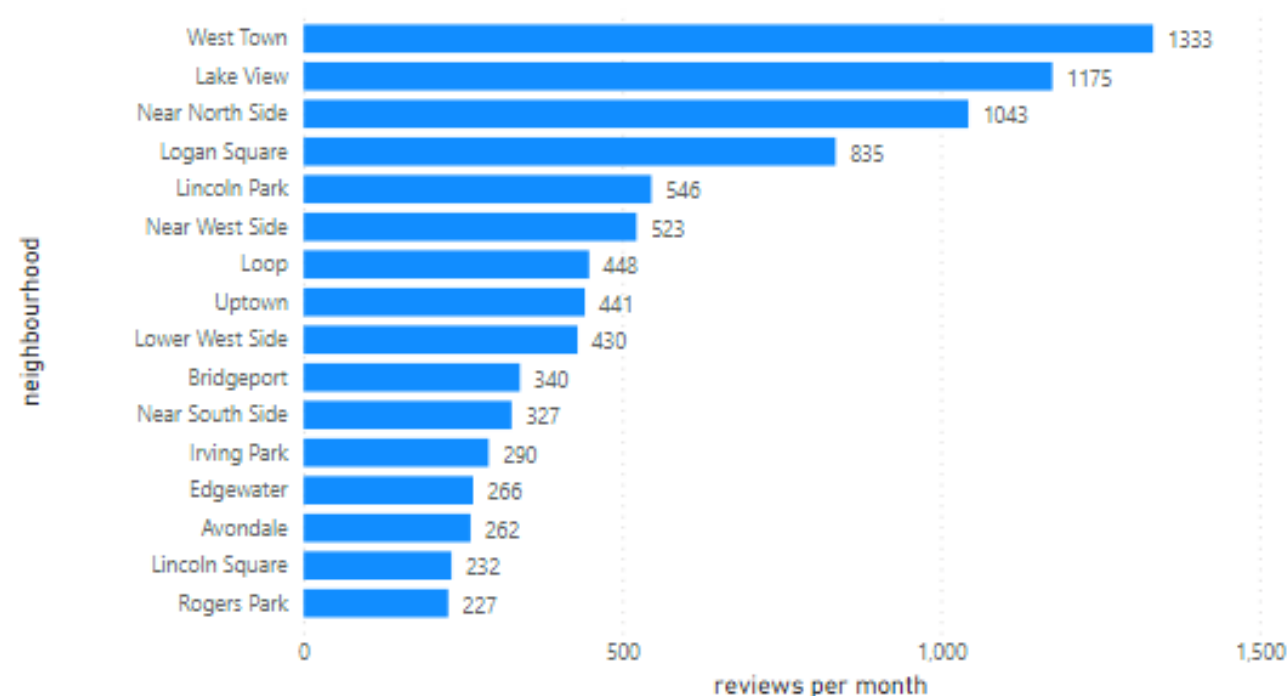


The most expensive accommodation can be found in Lake View for \$99998.

Comparing the number of reviews (Top 10 neighbourhoods)

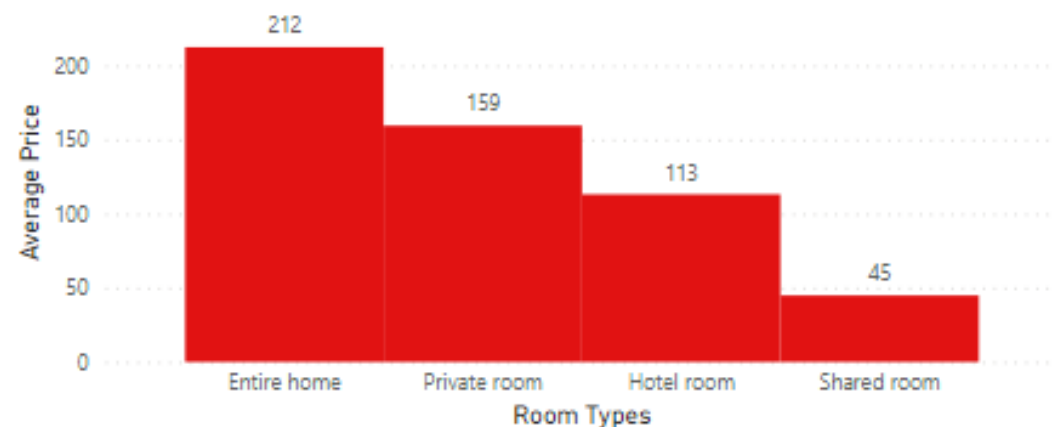


reviews per month by neighbourhood

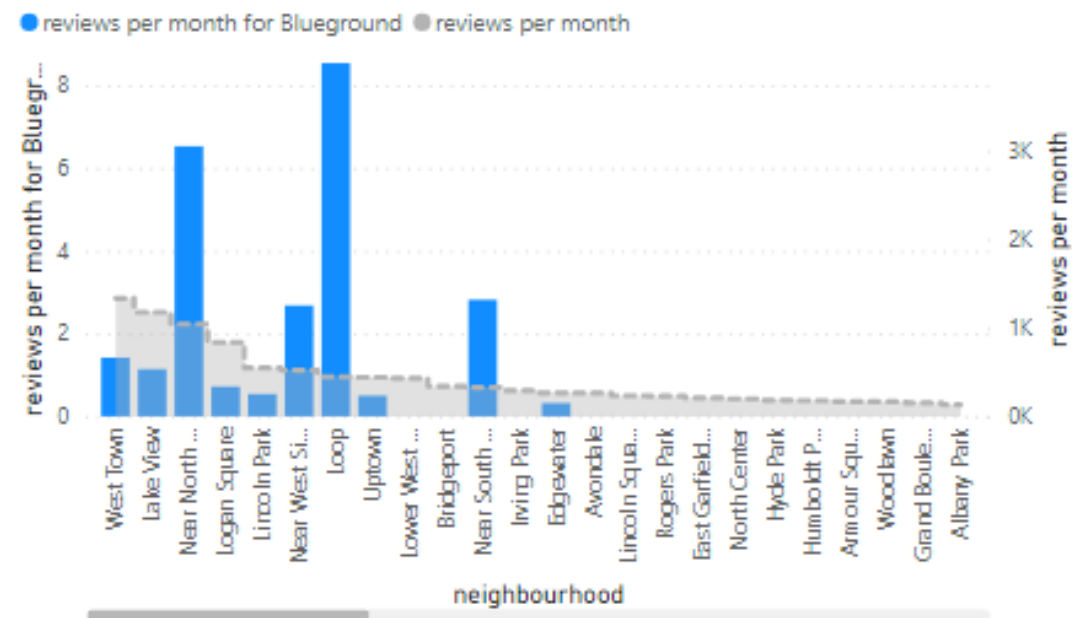


West Town has the highest reviews per month, with 1333.06 reviews per month whiles, Burnside has the least reviews per month, with 0.27 reviews per month.

Average Price by Room Types

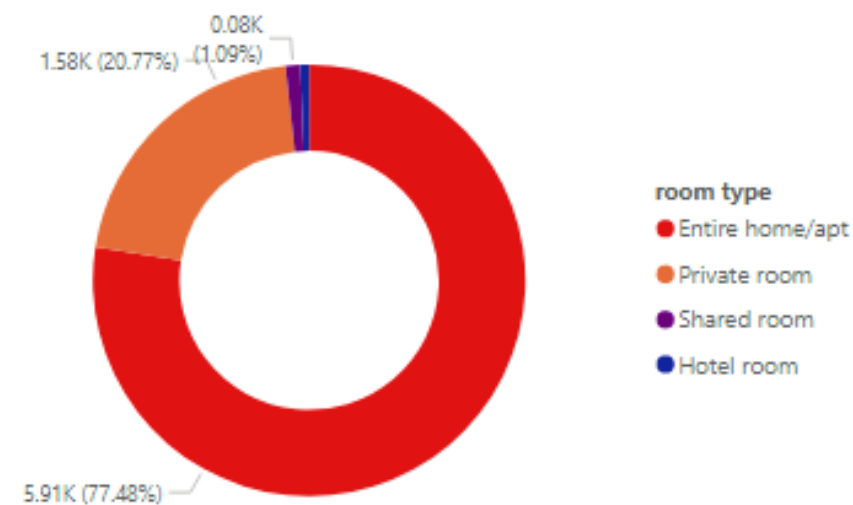


reviews per month for Blueground and reviews per month by neighbourhood



The host name, Blueground has the highest value of the reviews per month, with 8.4%.

Total number of room types



Entire home/apt makes up 77% of the room types of Chicago accommodations on airbnb.

Summary Of Key Insights

- The average price of an Airbnb rental in Chicago is \$199.
- Entire homes/apartments make up 77% of the entire accommodations of Airbnb rentals in Chicago.
- Lake View has the highest average price for an Airbnb rental, \$338.
- The most expensive accommodation can be found at Lake View for almost \$10000.
- Blueground is the most popular host name, with 8.4% of the reviews per month.
- West Town is the most popular neighbourhood with a total of 48664 reviews.
- The West Town neighbourhood has the highest number of reviews on entire homes/apartments and private rooms.
- West Town has the highest reviews per month, which is 1333.06 reviews per month, whereas Burnside has the least reviews per month, which is only 0.27.

Thanks for reading,
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