

Transforming EDAs to Dashboards

Data Visualization Tools

Dataset Details:

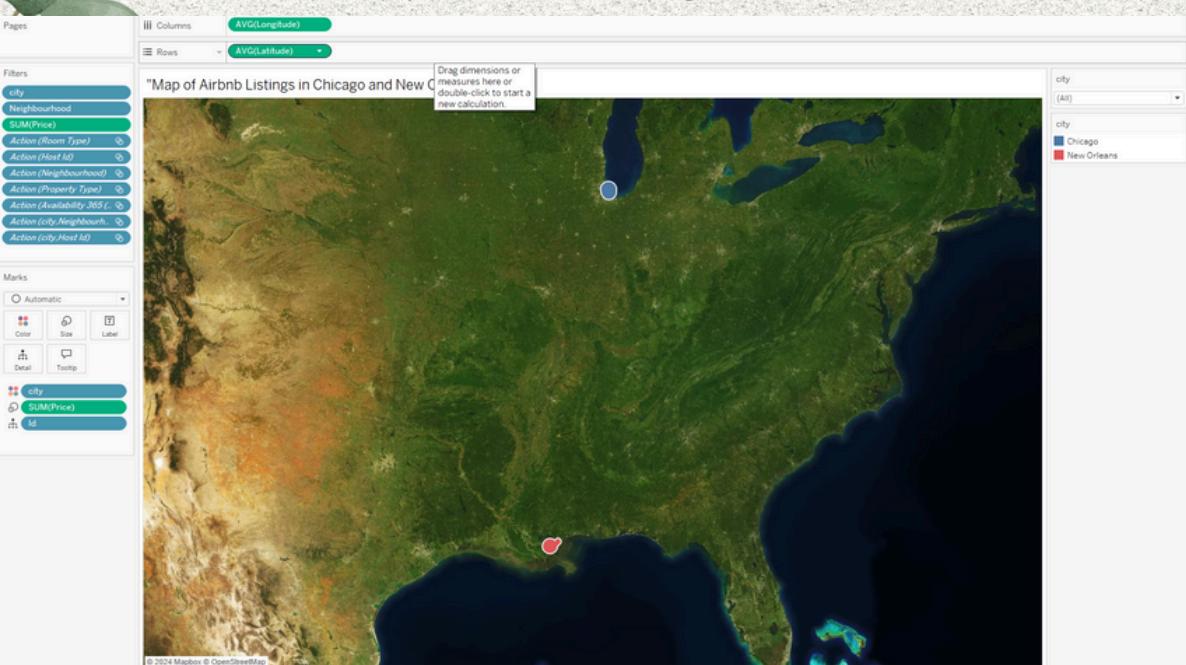
- Dataset Name: Airbnb Listings Data
- Source: [Link to dataset](#)
- Cities: Chicago & New Orleans
- Description: The Airbnb Listings Data contains information about different properties available for rent on Airbnb in a specific city. Each record represents a unique listing and includes attributes such as property type, neighbourhood, number of bedrooms, pricing, availability, host information, and more.

Key Attributes:

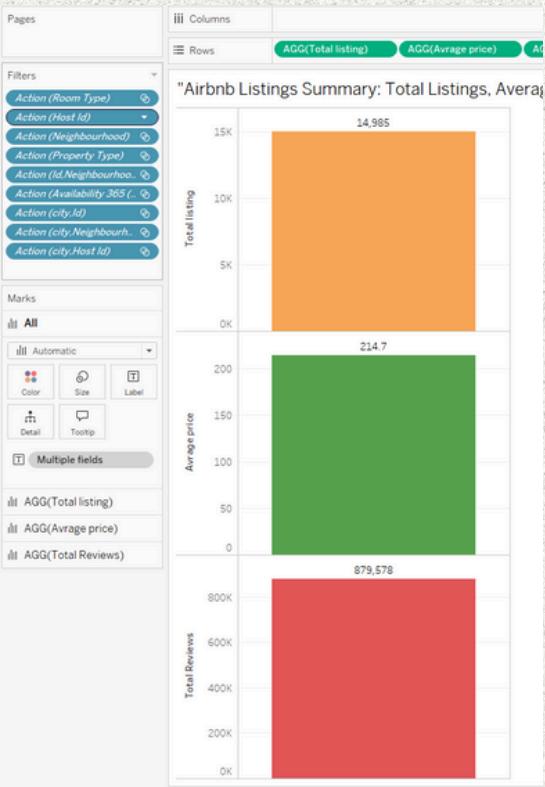
1. **id**: Unique identifier for each listing.
2. **name**: The title or name of the listing.
3. **host_id**: Unique identifier for the host of the property.
4. **host_name**: Name of the host.
5. **neighbourhood_group**: The broader area or group that the neighbourhood belongs to.
6. **neighbourhood**: Specific neighbourhood where the property is located.
7. **latitude**: Latitude coordinate of the property.
8. **longitude**: Longitude coordinate of the property.
9. **room_type**: Type of room (e.g., Private room, Entire home/apt, Shared room).
10. **price**: Price of the listing per night.
11. **minimum_nights**: Minimum number of nights required for booking.
12. **number_of_reviews**: Total number of reviews received for the listing.
13. **last_review**: Date of the last review.
14. **reviews_per_month**: Average number of reviews per month.
15. **availability_365**: Number of days the listing is available for booking in a year.

[Section 1: Overview of Airbnb]

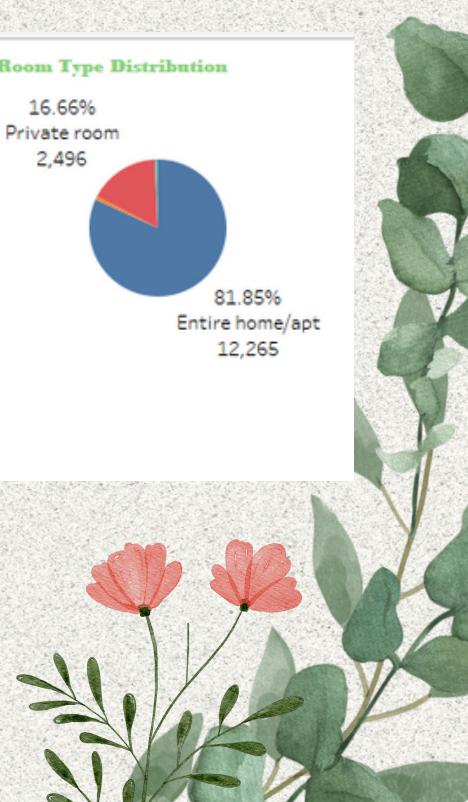
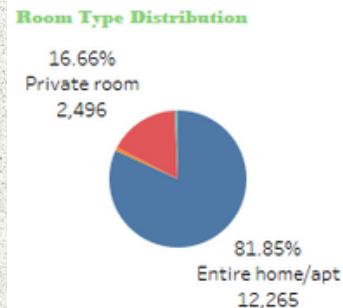
Map of Airbnb Listings



Airbnb Listings Summary

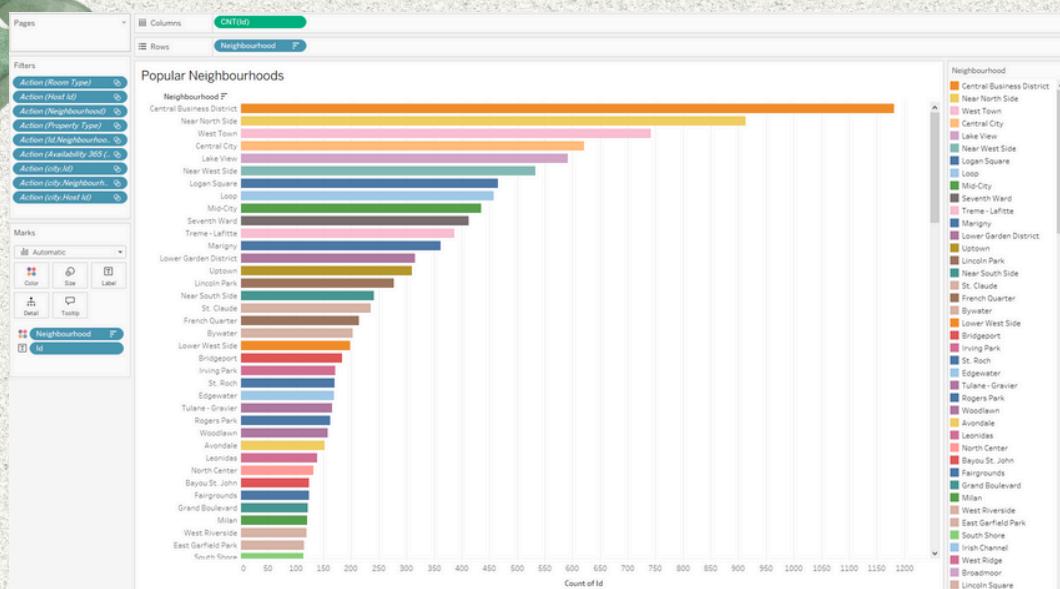


Room Type Distribution

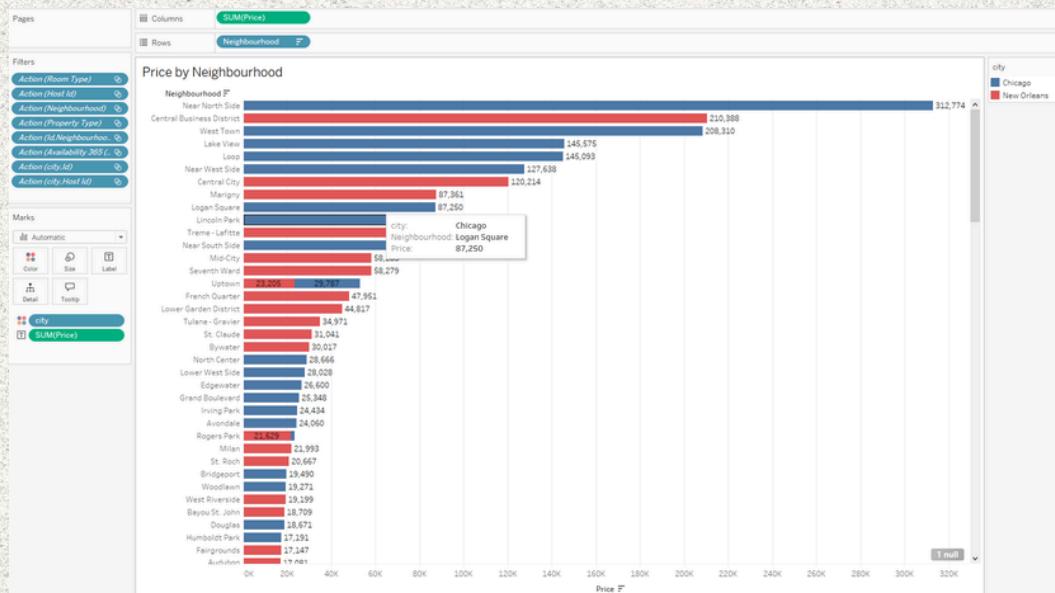


[Section 2: Property Analysis]

Popular Neighbourhoods

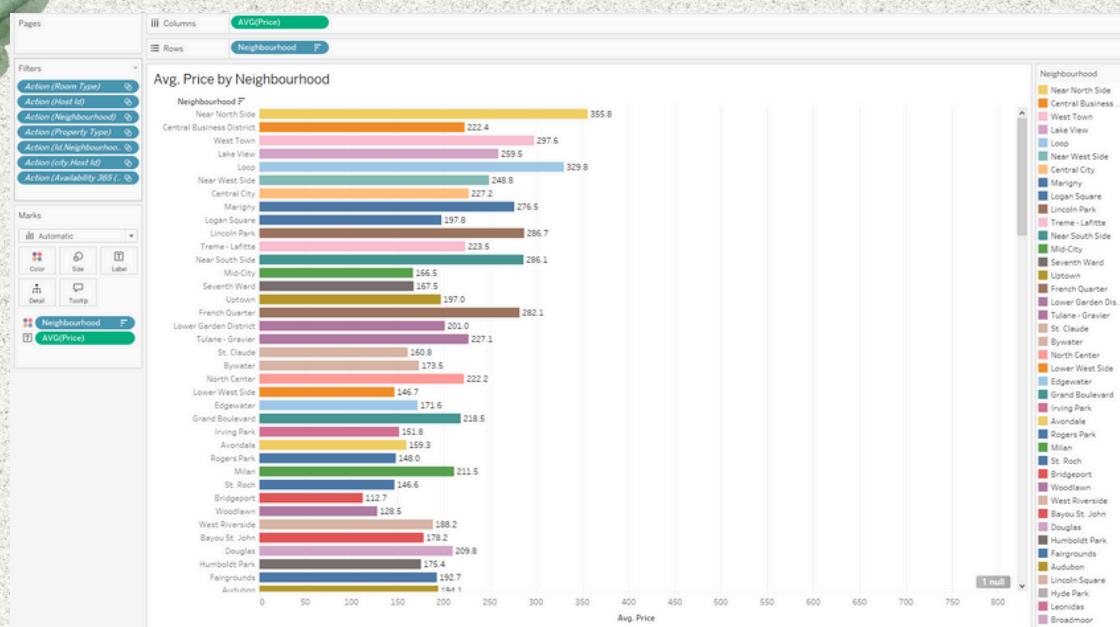


Price by Neighbourhood

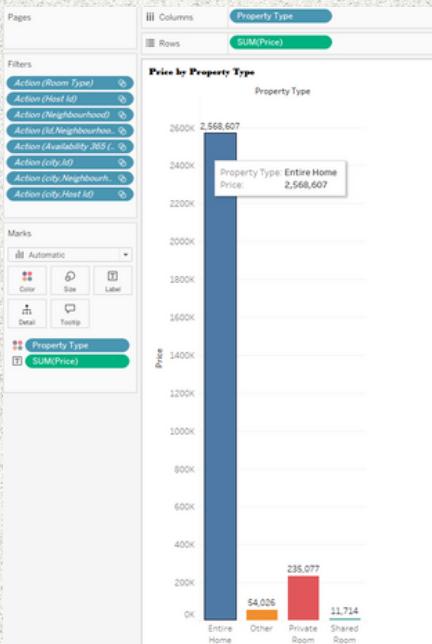


[Section 3: Pricing Analysis]

Avg Price by Neighbourhood

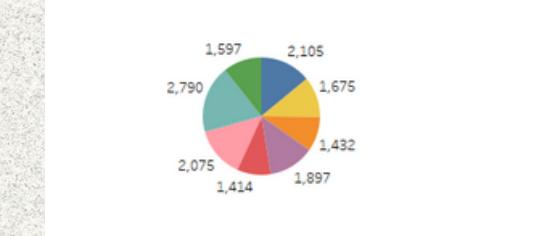


Price by Property Type



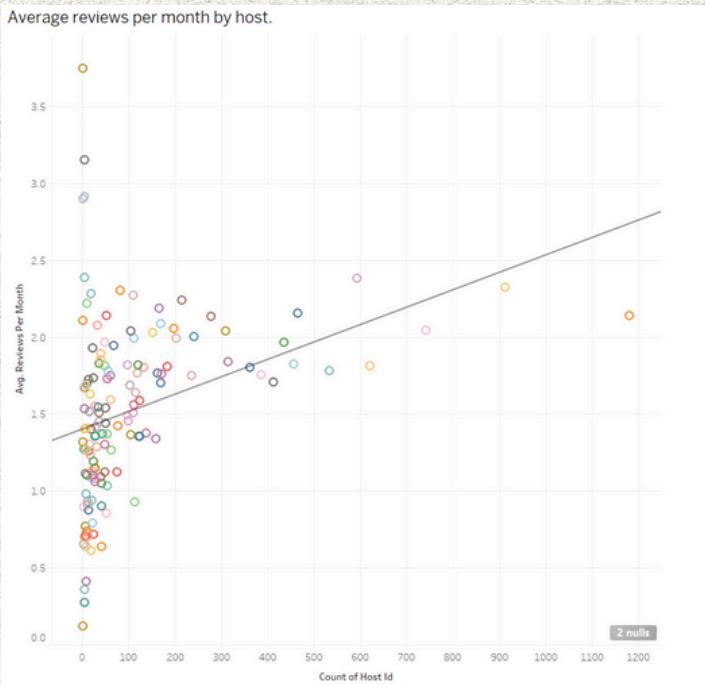
Distribution of Property Availability (365 days)

Distribution of Property Availability (365 days)

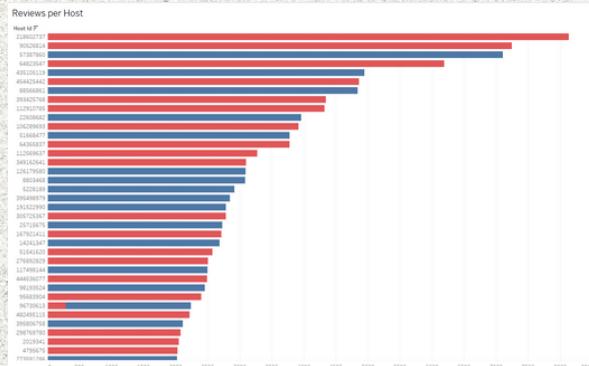


[Section 4: Host Analysis]

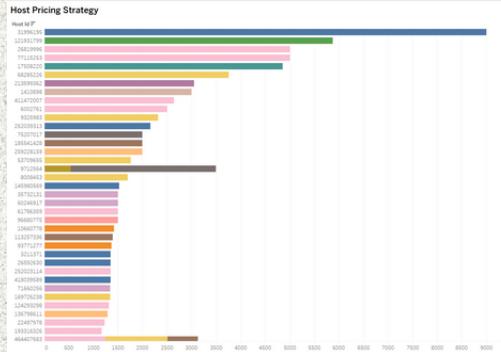
Average Reviews per Month by Host



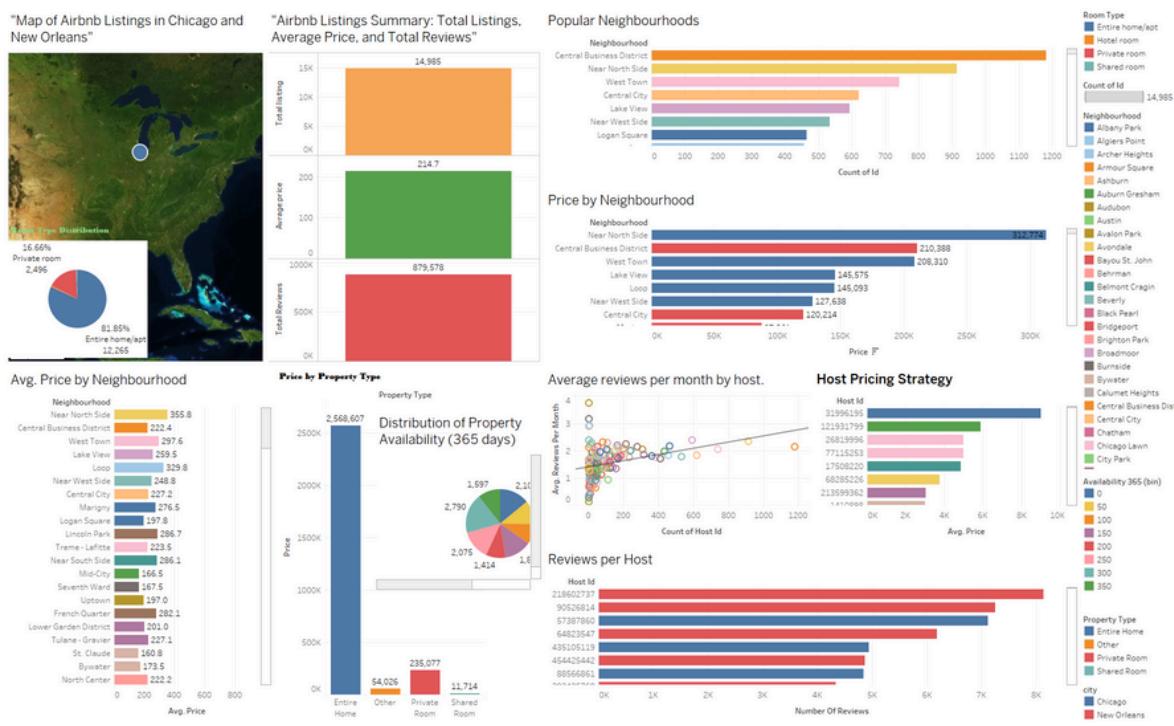
Reviews per Host



Host Pricing Strategy



Dashboard



[Conclusion]

"Through this detailed dashboard, we've gained valuable insights into Airbnb operations in Chicago and New Orleans.

By understanding the distribution, pricing, and host strategies, we can make more informed decisions to enhance the Airbnb experience."

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*Present by
SURAJ*