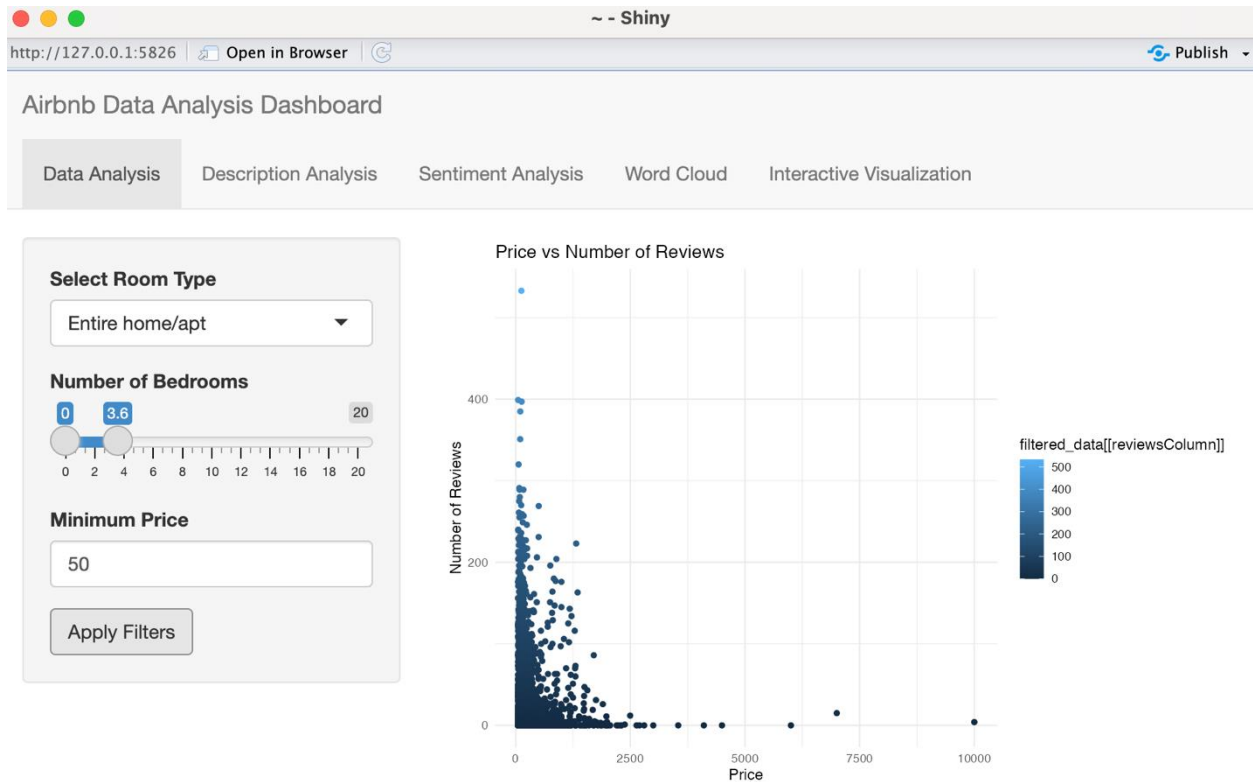


Screenshots - Shiny App Visualizations:

1. Room Type Analysis:



Select Room Type

Private room

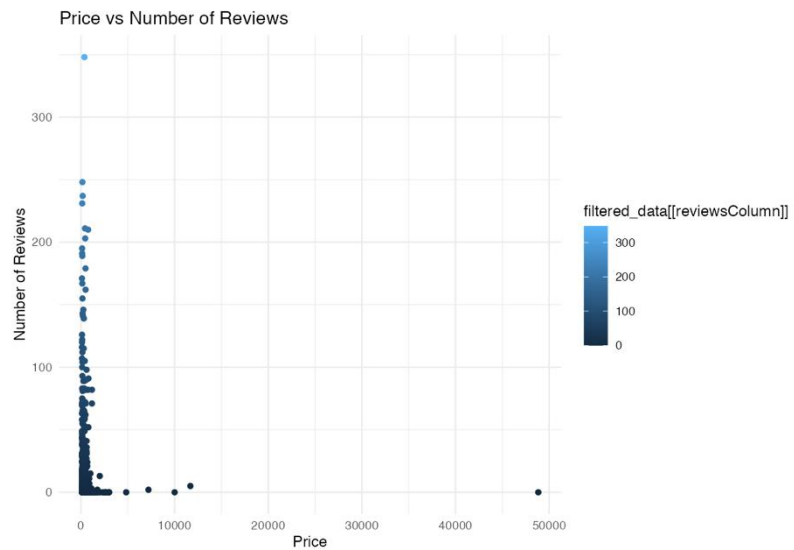
Number of Bedrooms

0 3.6 20

Minimum Price

105

Apply Filters



Select Room Type

Shared room

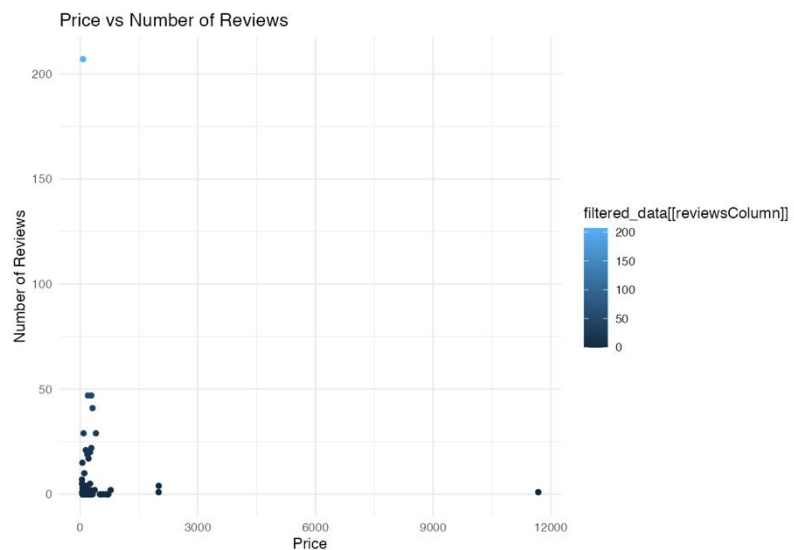
Number of Bedrooms

0 3.6 20

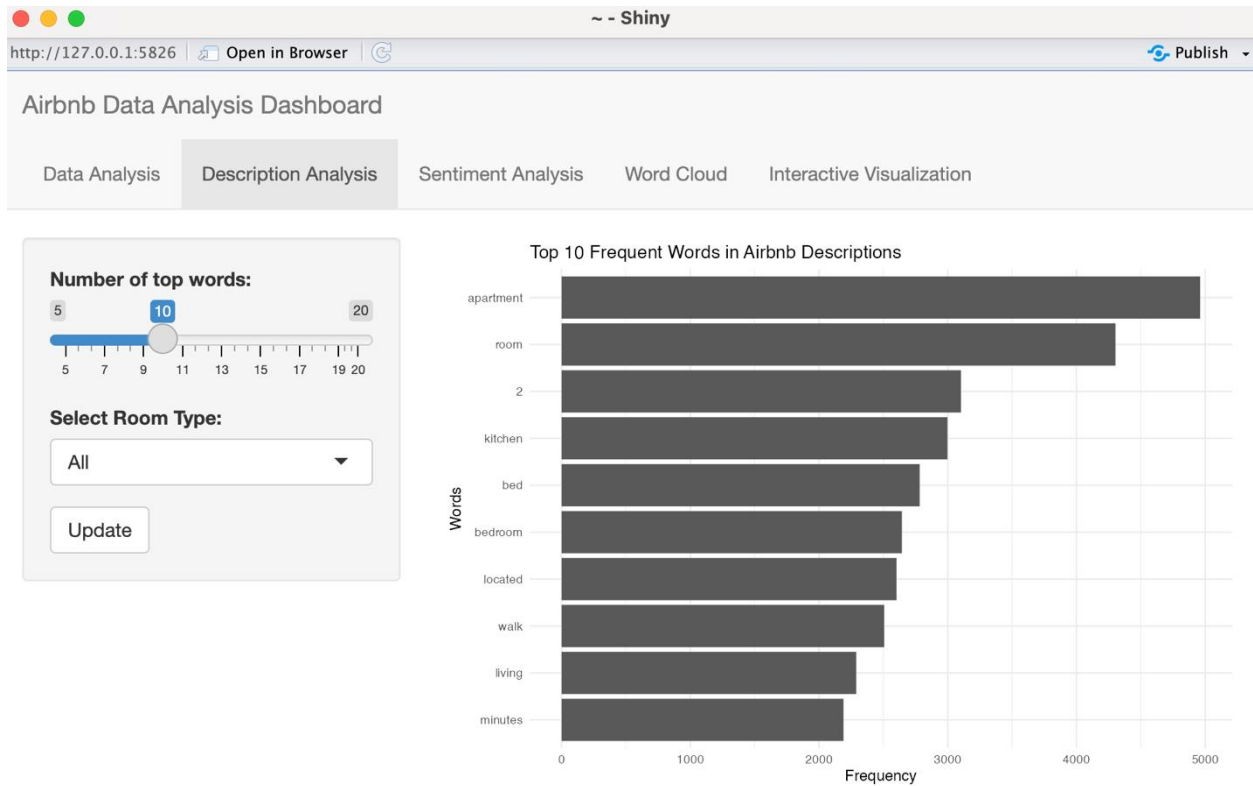
Minimum Price

45

Apply Filters



2. Amenities and Features Word Cloud:



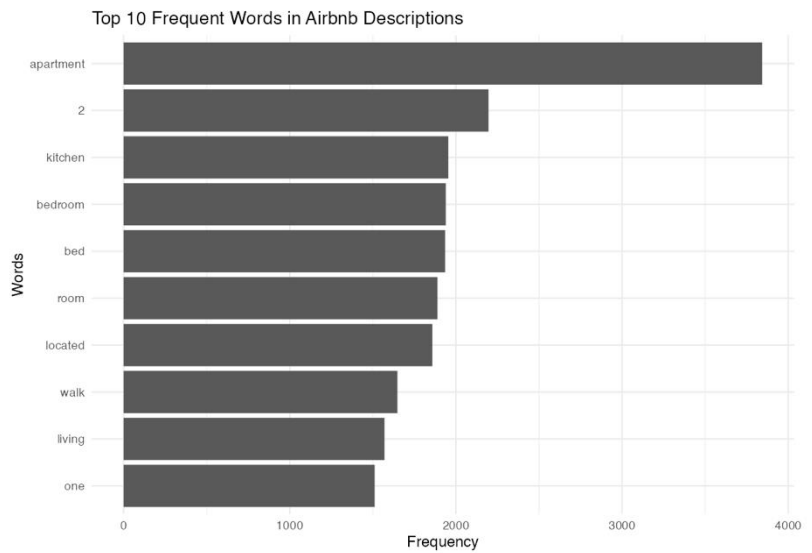
Number of top words:

5
10
20

Select Room Type:

Entire home/apt

Update



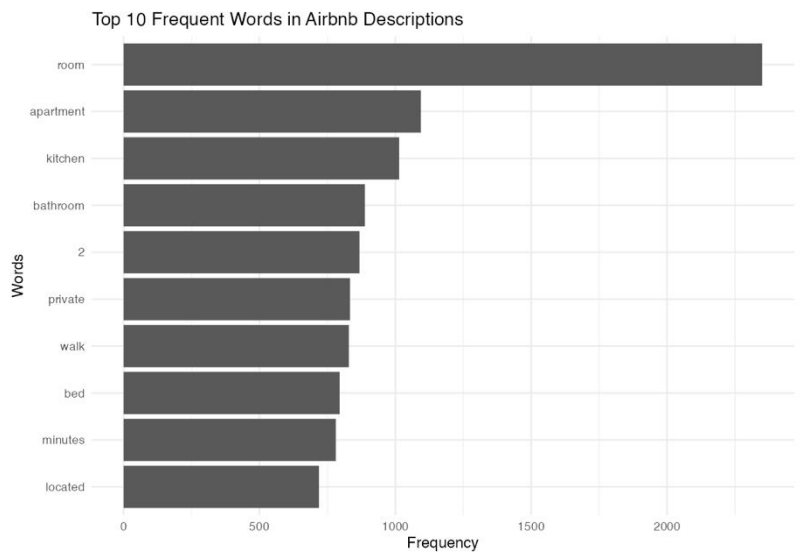
Number of top words:

5
10
20

Select Room Type:

Private room

Update



Airbnb Data Analysis Dashboard

Data Analysis

Description Analysis

Sentiment Analysis

Word Cloud

Interactive Visualization

Number of top words:

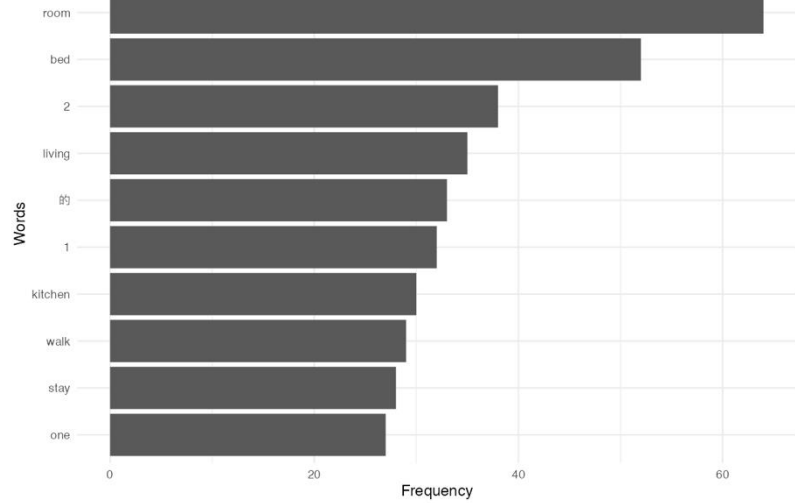


Select Room Type:

Shared room

Update

Top 10 Frequent Words in Airbnb Descriptions



3. Sentiment Analysis:

~ - Shiny

http://127.0.0.1:5826 [Open in Browser](#) [Publish](#)

Airbnb Data Analysis Dashboard

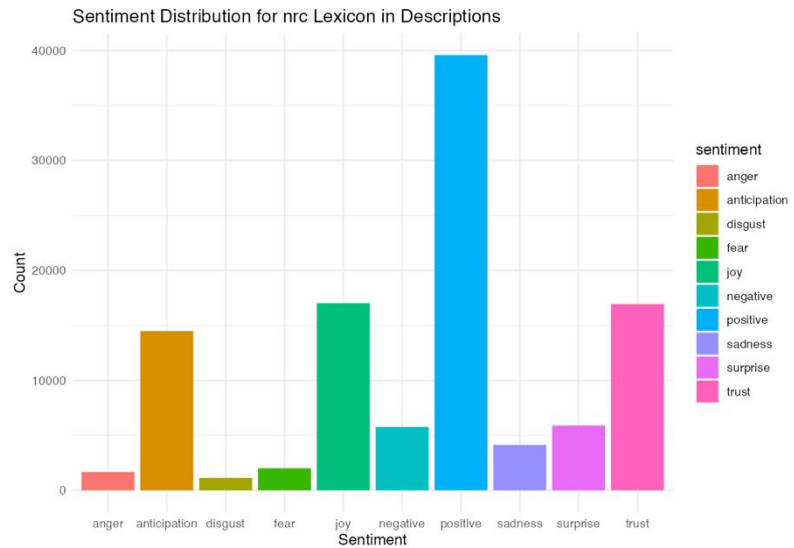
Data Analysis Description Analysis **Sentiment Analysis** Word Cloud Interactive Visualization

Choose Lexicon

nrc

Choose Text Type

Descriptions



~ - Shiny

http://127.0.0.1:5826 [Open in Browser](#) [Publish](#)

Airbnb Data Analysis Dashboard

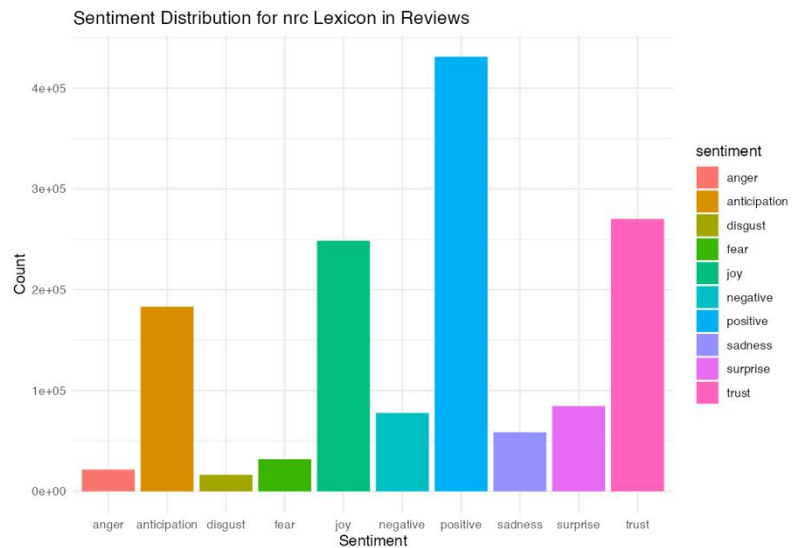
Data Analysis Description Analysis **Sentiment Analysis** Word Cloud Interactive Visualization

Choose Lexicon

nrc

Choose Text Type

Reviews

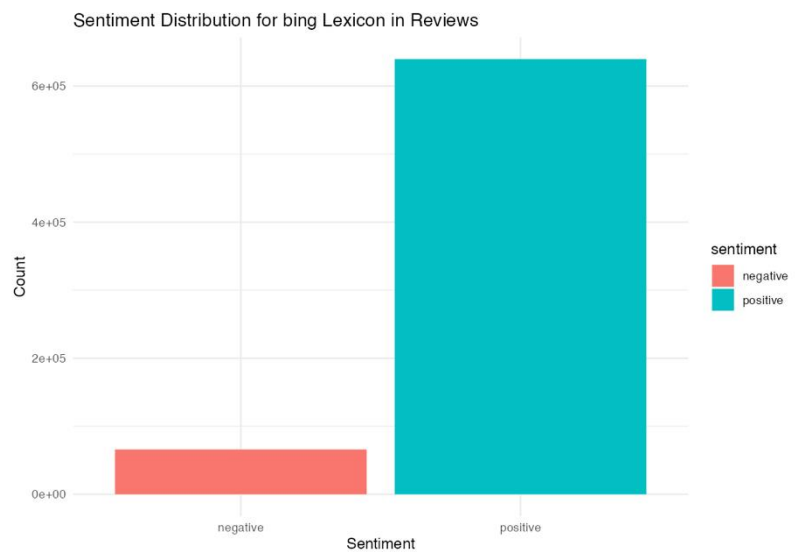


Choose Lexicon

bing

Choose Text Type

Reviews

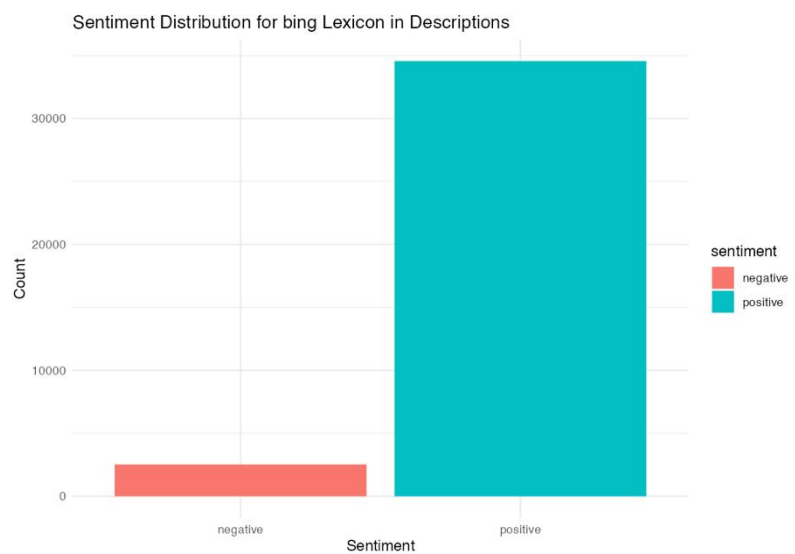


Choose Lexicon

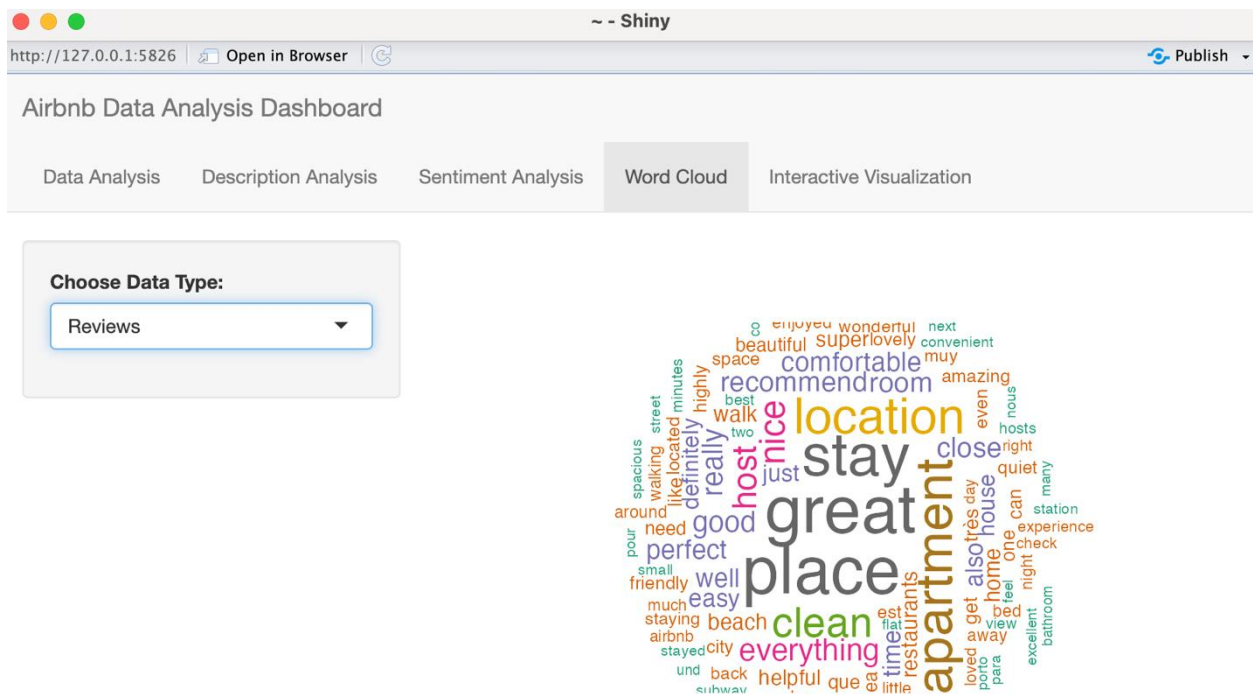
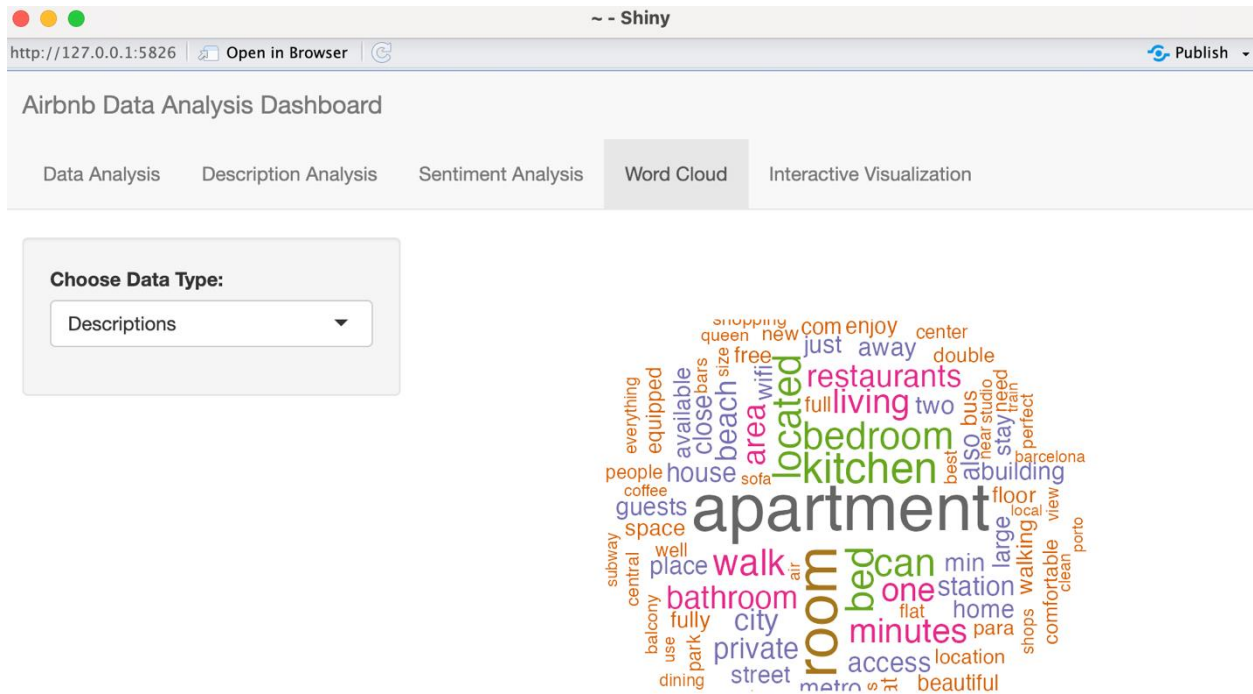
bing

Choose Text Type

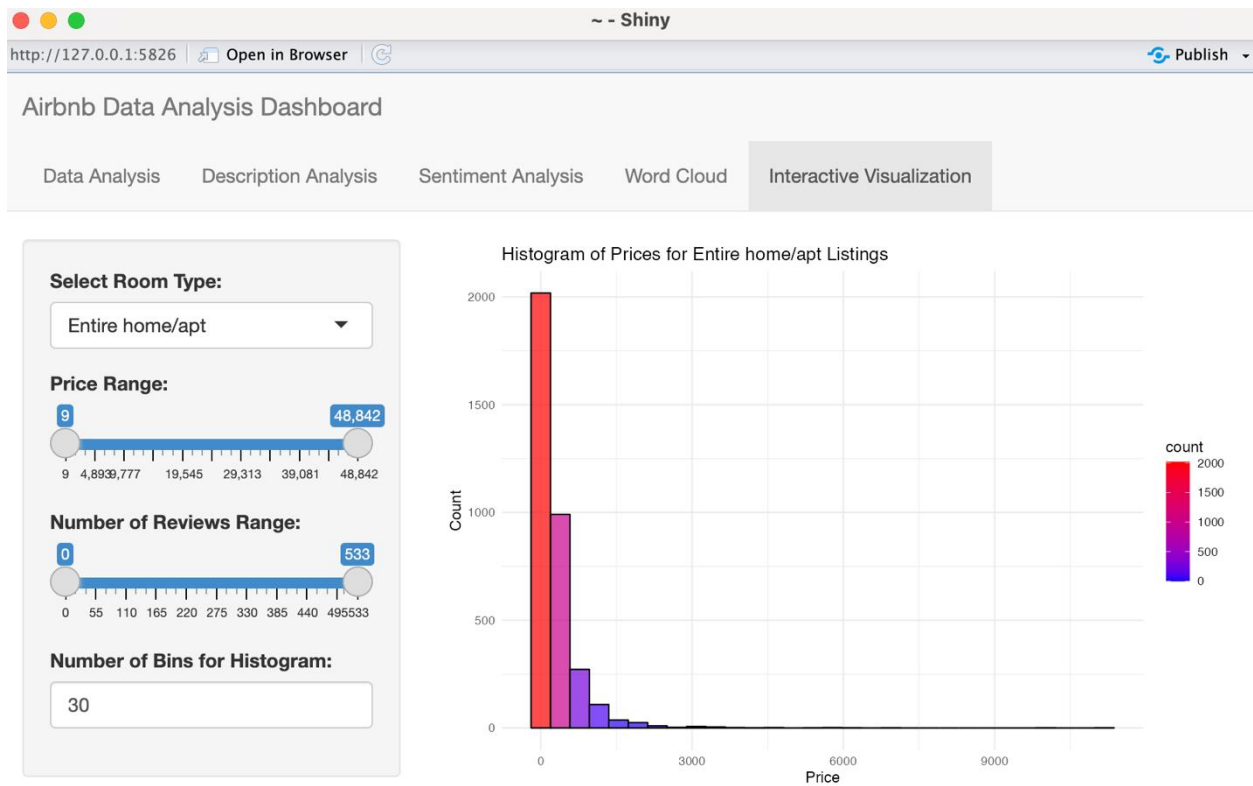
Descriptions



4. Text Analysis:



5. Pricing and Demand Distribution:



Select Room Type:

Private room

Price Range:

9 16,491 48,842

9 4,893,777 19,545 29,313 39,081 48,842

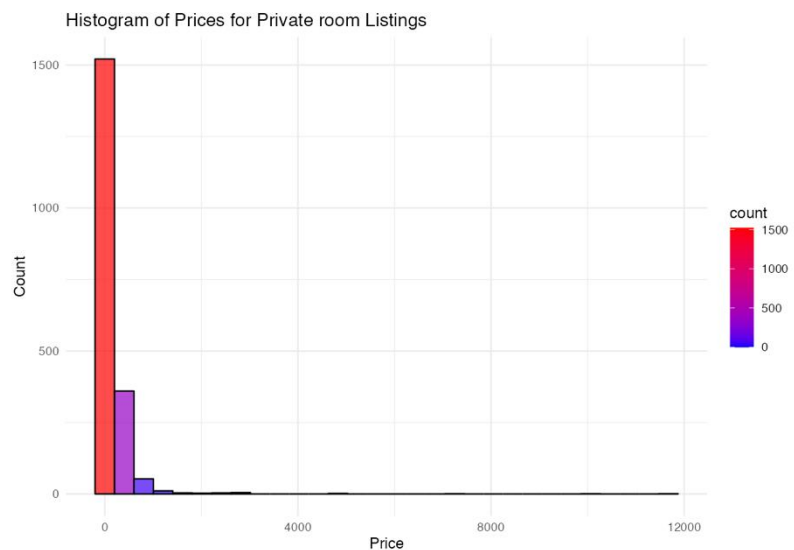
Number of Reviews Range:

0 255 533

0 55 110 165 220 275 330 385 440 495533

Number of Bins for Histogram:

30



Select Room Type:

Shared room

Price Range:

9 16,491 48,842

9 4,893,777 19,545 29,313 39,081 48,842

Number of Reviews Range:

0 255 533

0 55 110 165 220 275 330 385 440 495533

Number of Bins for Histogram:

30

