Descriptive study on New York Air bnb data. What is the best neighbourhood to choose for Airbnb?

Data source: Kaggle New York Airbnb Data (link)

Data point:



Questions:

Price, popularity and accessibility of Airbnb in each neighbourhood

what is the most expensive neighbourhood in Airbnb?

Assumptions:

Use Number of reviews as one of index for popularity

Use availability 365 as one of index for accessibility

Use median price as price index

Methodology:

1. Create a map grouped by neighbourhood group,
2. Create a donut chart to show the price and popularity by neighbourhood
3. Availability: days of available/ 365 %
4. Create bar plot of median price by neighbouhood
5. Add action in dashboards, so one plot can go over with mouse hover to show that neighbourhood
6. Score = 50% of price + 30% of popularity + 20% of avaiablity

Price : the lower the better,

1~50 socre

50~100

100~ 150

Result: