<font face = "Calibri"><font size = 4>

## \*\*AirBNB Rio de Janeiro Data\*\*

Some facts:

- "Airbnb, Inc. is an American company that operates an online marketplace for lodging, primarily homestays for vacation rentals, and tourism activities." \_Wikipedia\_;

- 2020 and 2021 were terrible years to travel and difficult moments for who rent by Airbnb. However, it seems that 2022 things will return to certain level of normality;

- One of most desired city to travel is Rio de Janeiro. Beautiful city owned a lot of natural beauties and full of receptive people.

The company provide to public samples of its data.

In this notebook, data from Rio de Janeiro city were downloaded from this link: http://insideairbnb.com/get-the-data.html

Specifically, these were the three datasets for this work:

- listings\_id: http://data.insideairbnb.com/brazil/rj/rio-de-janeiro/2021-09-28/data/listings.csv.gz

- calendar: http://data.insideairbnb.com/brazil/rj/rio-de-janeiro/2021-09-28/data/calendar.csv.gz

- reviews: http://data.insideairbnb.com/brazil/rj/rio-de-janeiro/2021-09-28/data/reviews.csv.gz

The objective here it is to analyze the datasets and explore three subjects:

1. For future months, will there <b>any tendency for booking</b>?

2. Both Brazilians and foreigners love to travel to Rio. But <b>has Brazilians different neighborhood preference</b> for stay?

3. Price is a key factor in bookings. <b>But what matters for the price value?</b> What features of accommodations most impact?

# Setting a good theme for seaborn