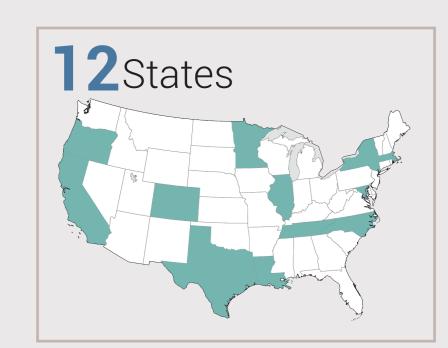


# Airbnb and the macroeconomy: searching for connections

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## Introduction

Airbnb is an online marketplace that connects people who want to rent out their homes with people who are looking for accommodations in that locale. Nowadays, it is required to understand the affectation that social and economic variables have over this kind of business.



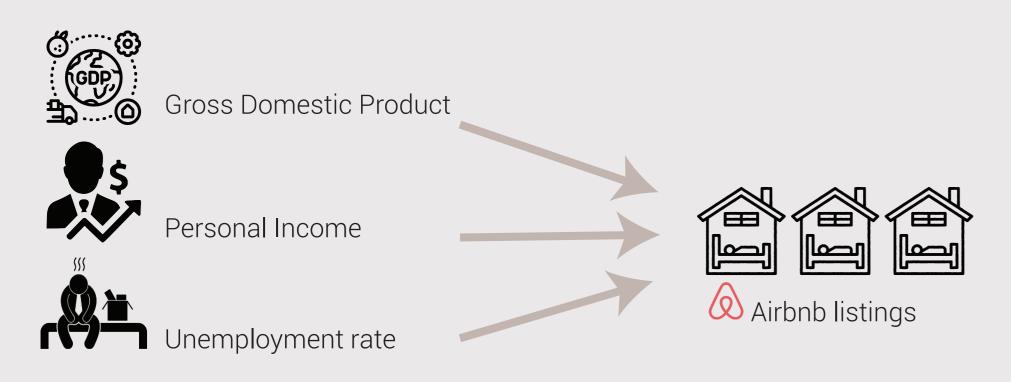
Q2 2018-Q4 2019
Time frame

+86K Listings

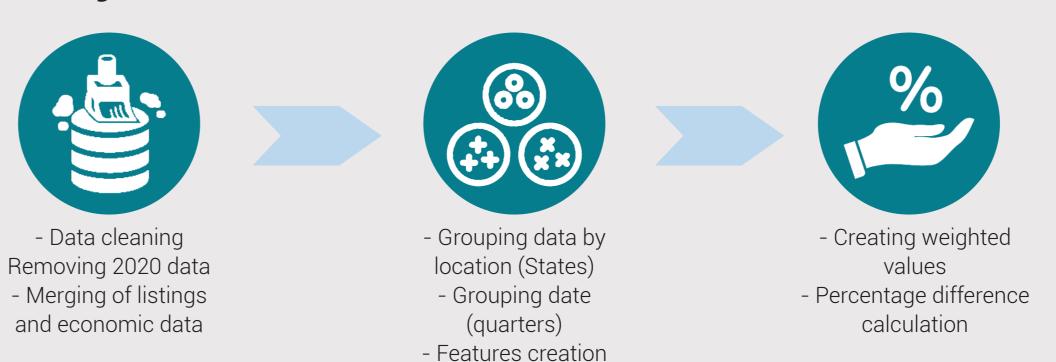
**+2M** Data entries

### Research

The main goal of this research is to test how the personal income, GDP and the unemployment rate affect the number of listed properties in Airbnb. The research is based on data from twelve states from the United States of America



# Data analysis

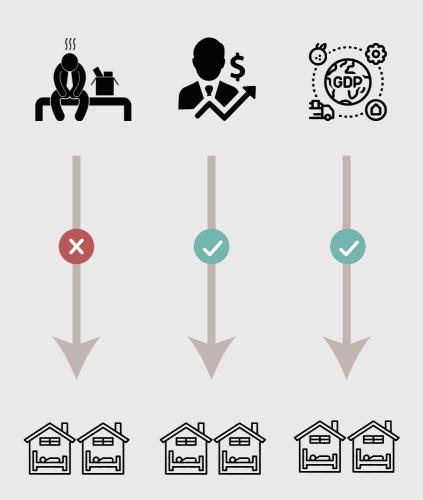


### Results

- The properties listed in Airbnb decrease in the states with a larger GDP
- Rise in personal income increments the properties listed in Airbnb in successive periods.
- There is no significant relation between the unemployment rate and the number of listed properties

### Visit the app: http://airblocuras.online





# Beyond

This research can be a frame-work for business like Airbnb to assess where to invest and where to place operations that favor the growth in listings

Future investments should take into account not only the current money value but the variations through time for the personal Income and GDP in any region or country

It would be interesting to assess the Airbnb business behaviour after the COVID-19 pandemic and compare those results against the current research results

# Glossary

- **GDP.** is the final value of the goods and services produced in a country during a period of time.
- **Personal Income:** Is the amount of money collectively received by the inhabitants of a country.
- **Unemployment Rate:** Unemployed individuals / Total labor force x100