

## Meeting notes 1

### Work packages:

#### - Data cleaning:

- Sean: derive columns based on map coordinates using reverse geo-coding
- Deep and Jeremy: clean the following columns. Outcome should be a function that takes the original data frame as input parameter and returns a cleaned deep copy of the original one (please do not drop rows. If two people work on this please provide two functions of each person):
  - ◆ REVIEWS\_PER\_MONTH,
  - ◆ CONSTRUCTION\_YEAR
  - ◆ NUMBER\_OF\_REVIEWS
  - ◆ LAST\_REVIEW

#### - Financial modelling:

- Zian: research and share information and materials related to the financial modelling of property price and profitability. Deliver mathematical formulas that:
  - ◆ Yield the net present value of an accommodation
  - ◆ Yield the yearly/monthly/daily profit of an accommodation
  - ◆ Yield any other metrics related to the analysis

#### - Visualization:

- Tam and Randall: based on our problem-solving approach, think of the possible forms of visualization.

#### - Solutions and logistics:

- All members:
  - ◆ Download the project on GitHub to your local storage.
  - ◆ Review our current approach and see if there are logical fallacies or biases.

- ◆ Find external datasets that are helpful to our analysis.
- Use the first office hour to confirm if we are only allowed to BUY the accommodations.