Traffic calculator tool

1- The Problem: Certain of my clients do not know how much traffic they need for their experiment and how long they need to run it in order to get significant read.

2- Data:
- May need to use the data from works unless i can find something similar online.
- Data will include below observations:
  + Number of users who visit a certain webpage
  + Date of visit
  + User activities (exit, bounce rate, click thru rate)
  + Platform used during activities (web, mobile web, ios, android)
  + Country/Side

3- Hypotheses: The tool will predict if the expected lift will be significant or not at a certain amount of traffic + duration that the test is intended to run

Steamboat real estate market

1- Background/Problem:
I want to invest in real estate in Steamboat and I want to know if this is a right time to buy and how will the ROI look like in a certain of time.

2- The Data:
- Scrap the data from zilow or redfin. Example link below:
  https://www.zillow.com/homes/for_sale/Steamboat-Springs-CO/pmf,pf_pt/20642_rid/globalrelevanceex_sort/40.728787,-106.599999,40.463927,-107.039452_rect/10_zm/
- Data will include below observations:
  - Address (html title)
  - Price/tax history
    - Date
    - Event
    - Price

3- Hypotheses: a tool that be able to tell me if the price is reasonable compared to its history of purchase/values and predict the ROI in a certain years such as 3 or 5 or 10 years from now

Barcelona Attraction

1- The Problem: I am planning to travel to Barcelona with a group of friend. It is hard to decide a place to visit that may satisfy everyone. I want to build a mini search tool that can take the input from each person, and suggest a place based on inputs.

2- Data:
- Free online data set available for downloading
- Data will include below observations:
    + Id
    + Name
    + Address
    + Category
    + Location
    + Lat
    + lng
    + Details
    + reviews

3- Hypotheses: based on the input, the tool will result a list of places that satisfied the input condition