CGT 270 Data Visualization
Module 1 ● Week 2
Lab 2: Parsing Data

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1. Airbnb Listings in New York
2. There is 30,479 records
3. There are 10 variables
4. I assume the review score rating is out of 100. The airbnbs with no review score ratings likely have 0 or only 1 review, which isn't enough to generate a score.

	Variable	Data type
1	Neighborhood	String
2	Property Type	String
3	Review Scores Rating (bin)	Integer
4	Room Type	String
5	Zip Code	Integer
6	Beds	Integer
7	Number of Records	Integer
8	Number of Reviews	Integer
9	Price	Integer
10	Review Scores Rating	Integer

1. Los Angeles Airbnb Open Data
2. There is 226,031 records
3. There are 16 variables
4. I assume latitude and longitude are the coordinates of the airbnb location. I assume the number of reviews per month is calculated by taking the total number of reviews and dividing it by the total months the airbnb has been in operation. I also assume the integers for the variable neighborhood is the zip code. The price is likely per night. The availability is likely days available out of a typical 365 day year.

	Variable	Data Type
1	ID	Integer
2	Name of Airbnb	String
3	Type of Airbnb	String
4	Host ID	Integer
5	Host Name	String
6	Neighborhood	Integer
7	Latitude	Floating point
8	Longitude	Floating point
9	Room Type	String
10	Price	Integer
11	Minimum nights	Integer
12	Number of reviews	Integer
13	Last Review	Date
14	Reviews per month	Floating point
15	Calculating host listings count	Integer
16	Availability	Integer
17	City	String

1. Hotel Booking Demand
2. There is 119,391 records
3. There are 32 variables
4. I assume the data of null means there is no data for the variable agent and company.

	Variable	Data Type
1	Hotel	String
2	Is Cancelled	Integer

3	Lead time	Integer
4	Arrival Date Year	Date
5	Arrival Date Month	String
6	Arrival Date Week Number	Integer
7	Arrival Date Day of Month	Integer
8	Stays in Weekend Nights	Integer
9	Stays in Week Nights	Integer
10	Adults	Integer
11	Children	Integer
12	Babies	Integer
13	Meal	String
14	Country	String
15	Market Segment	String
16	Distribution Channel	String
17	Is repeated guest	Integer
18	Previous cancellations	Integer
19	Previous bookings not cancelled	Integer
20	Reserved room type	Character
21	Assigned room type	Character
22	Booking changes	Integer
23	Deposit types	String
24	Agent	Boolean
25	Agent number	Integer
26	Company	Boolean
27	Company number	Integer
28	Days in waiting list	Integer
29	Customer type	String

30	ADR	Floating point
31	Required car parking space	Integer
32	Total of special requests	Integer
33	Reservation status	String
34	Reservation status date	Date