Variable	Data structure	Variable type	Description
name	string	categorical	The name of the business. Oftentimes unique, but there are repeated business names if it is a chain e.g. McDonald's, Starbucks, Burger King, etc.
star-rating	integer	categorical	The coerced target variable indicates the average star rating of the business on Yelp. Takes the values (1, 2, 3, 4, 5).
review_count	integer	continuous	The total number of reviews that the business received at the time of data collection. The maximum value is 10129, the minimum is 3.
categories	list of strings	categorical	The categories that the business falls under. E.g. [coffee & tea] or [restaurants, fast food, burgers, chicken wings]
city	string	categorical	The city that the business is located in. The top 3 cities have over 17,000 of the businesses in the dataset located in their city. They are Las Vegas, Toronto, and Phoenix.
state	string	categorical	The state or province that the business is located in. The 3 most common states are, as expected, Arizona, Nevada, and Ontario.
latitude	float	continuous	Latitude measure of the business to the 6th decimal place.
longitude	float	continuous	Longitude measure of the business to the 6th decimal place.
attributes.BYOB	boolean	categorical	Business attribute answering the question: Is this business BYOB (bring your own beer)? Takes the values True or False.
attributes.RestaurantsGoodForGroups	boolean	categorical	Business attribute answering the question: Is this restaurant good for groups? Takes the values True, False, or None.
attributes.RestaurantsAttire	string	categorical	Categorical business attribute answering the question: What kind of attire is recommended for this restaurant? Takes the values u'casual', casual, u'dressy', dressy, u'formal', formal, or None.
attributes.GoodForDancing	boolean	categorical	Business attribute answering the question: Is this business good for dancing? Takes the values True, False, or None.
attributes.WheelchairAccessible	boolean	categorical	Business attribute answering the question: Is this business wheelchair accessible? Takes the values True, False, or None.
attributes.RestaurantsTakeOut	boolean	categorical	Business attribute answering the question: Does this restaurant offer take-out? Takes the values True, False, or None.
attributes.BusinessAcceptsCreditCards	boolean	categorical	Business attribute answering the question: Does this business accept credit cards? Takes the values True, False, or None.
attributes.ByAppointmentOnly	boolean	categorical	Business attribute answering the question: Is this business by appointment only? Takes the values True, False, or None.
attributes.CoatCheck	boolean	categorical	Business attribute answering the question: Does this business have a coat check? Takes the values True, False, or None.
attributes.HasTV	boolean	categorical	Business attribute answering the question: Does this business have a TV? Takes the values True, False, or None.
attributes.HappyHour	boolean	categorical	Business attribute answering the question: Does this business have a happy hour? Takes the value True, False, or None.
attributes.Smoking	string	categorical	Business attribute answering the question: Does this business allow smoking? Takes the values u'no', no, u'outdoor',outdoor, u'yes', yes, or None.

attributes.OutdoorSeating	boolean	categorical	Business attribute answering the question: Does this business have outdoor seating? Takes the value True, False, or None.
is_open	binary	categorical	Binary value indicating whether the business is open or not. 1 indicates yes, 0 no.
attributes.NoiseLevel	string	categorical	Business attribute answering the question: What is the noise level of this business? Takes the values u'average', average, u'quiet', quiet, u'loud', loud, u'very_loud', very_loud, or None.
attributes.DriveThru	boolean	categorical	Business attribute answering the question: Does this business have a drive through? Takes the values True, False, or None.
attributes.RestaurantsReservations	boolean	categorical	Business attribute answering the question: Does this restaurant take reservations? Takes the values True, False, or None.
attributes.RestaurantsTableService	boolean	categorical	Business attribute answering the question: Does this restaurant offer table service? Takes the values True, False, or None.
attributes.RestaurantsPriceRange2	integer	ordinal	Business attribute indicating the price range of a restaurant. Takes the values 1, 2, 3, 4, or None. 1=$10 or less, 2=$11-$30, 3=$31-$60, 4=$61+
attributes.DogsAllowed	boolean	categorical	Business attribute answering the question: Does this business allow dogs? Takes the values True, False, or None.
attributes.BusinessAcceptsBitcoin	boolean	categorical	Business attribute answering the question: Does this business accept bitcoin? Takes the values True, False, or None.
attributes.Alcohol	string	categorical	Business attribute indicating what kind of alcohol the business serves, if any. Takes the values u'full_bar', full_bar, u'none', none, u'beer_and_wine', beer_and_wine, or None.
attributes.Caters	boolean	categorical	Business attribute answering the question: Does this business offer catering services? Takes the values True, False, or None.
attributes.WiFi	string	categorical	Business attribute indicating what kind of WiFi the business has, if any. Takes the values u'free', free, u'no', no, u'paid', paid, or None.
attributes.BYOBCorkage	string	categorical	Business attribute indicating what kind of corkage services the business offers, if any. Takes the values u'no', no, u'yes_free', yes_free, u'yes_corkage', yes_corkage, or None.
attributes.Corkage	boolean	categorical	Business attribute answering the question: Does this business offer corkage? Takes the values True, False, or None.
attributes.AcceptsInsurance	boolean	categorical	Business attribute answering the question: Does this business accept insurance? Takes the values True, False, or None.
attributes.BikeParking	boolean	categorical	Business attribute answering the question: Does this business have bike parking? Takes the values True, False, or None.
Monday.hrs.open	integer	continuous	Number of hours the business is open on Monday. Created by splitting on the old time range, coercing to datetime, and subtracting the open and close time. Ranges from (0, 23).
Tuesday.hrs.open	integer	continuous	Number of hours the business is open on Tuesday. Ranges from (0, 23).
Wednesday.hrs.open	integer	continuous	Number of hours the business is open on Wednesday. Ranges from (0, 23).
Thursday.hrs.open	integer	continuous	Number of hours the business is open on Thursday. Ranges from (0, 23).
Friday.hrs.open	integer	continuous	Number of hours the business is open on Friday. Ranges from (0, 23).

Saturday.hrs.open	integer	continuous	Number of hours the business is open on Saturday. Ranges from (0, 23).
Sunday.hrs.open	integer	continuous	Number of hours the business is open on Sunday. Ranges from (0, 23).