Restaurant Rating Prediction

Citation:

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| License | Unknown |
| Domain | Public |
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| Date Created | 2018-01-10 |

This dataset has been obtained by scraping the TA website for information about restaurants.

The data is a .csv file structured as follow:

* + **Name: name if the restaurant**
  + **City**: city location of the restaurant
  + **Cuisine Style**: cuisine style(s) of the restaurant, in a Python list object (94 046 non-null)
  + **Ranking**: rank of the restaurant among the total number of restaurants in the city as a float object (115 645 non-null)
  + **Rating**: rate of the restaurant on a scale from 1 to 5, as a float object (115 658 non-null)(Target Column)
  + **Price Range**: price range of the restaurant among 3 categories , as a categorical type (77 555 non-null)
  + **Number of Reviews**: number of reviews that customers have let to the restaurant, as a float object (108 020 non-null)
  + **Reviews**: 2 reviews that are displayed on the restaurants scrolling page of the city, as a list of list object where the first list contains the 2 reviews, and the second le dates when these reviews were written (115 673 non-null)
  + **URL\_TA**: part of the URL of the detailed restaurant page that comes after 'www.tripadvisor.com' as a string object (124 995 non-null)
  + **ID\_TA**: identification of the restaurant in the TA database constructed a one letter and a number (124 995 non-null)

The Problem Statement:

To build an application which predicts restaurant ratings based on given attributes.