

The Sentimen Evaluation of Customer Review in Las Vegas City Restaurants

Pozy Pak Ya

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Online review becoming so important for business nowadays. Every review can effect the products buying power or services provided including the ratings which can quantifies the satisfaction of the reviewer's experience.

This is an R Markdown document. Markdown is a simple formatting syntax for authoring HTML, PDF, and MS Word documents. For more details on using R Markdown see <http://rmarkdown.rstudio.com>.

When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

The issue of using such real data in this situation raises several significant questions such as :-

- 1) How to determine the extent of limited demographic information, data frequency, the privacy concerns of Yelp users and harsh message that might be censored by YELP administration.
- 2) Accessing and processing method due to increasingly for larger datasets. Some algorithm like Random Forest required high iteration and processing.
- 3) Assuring a sample's diversity by implementing feature selection and optimal ratio selection for training and testing dataset for prediction in the future.
- 4) Authentication or validation of the reviewer's identity, to reduce or eliminate bias in the reviewer comments so all the information is genuinely entered and the analysis result can be trusted.

```
summary(cars)
```

```
##      speed      dist
##  Min.   : 4.0    Min.   : 2.00
## 1st Qu.:12.0    1st Qu.: 26.00
## Median :15.0    Median : 36.00
## Mean   :15.4    Mean   : 42.98
## 3rd Qu.:19.0    3rd Qu.: 56.00
## Max.   :25.0    Max.   :120.00
```

```
summary(airquality)
```

```
##      Ozone      Solar.R      Wind      Temp
##  Min.   : 1.00    Min.   : 7.0    Min.   : 1.700    Min.   :56.00
## 1st Qu.:18.00    1st Qu.:115.8    1st Qu.: 7.400    1st Qu.:72.00
## Median :31.50    Median :205.0    Median : 9.700    Median :79.00
## Mean   :42.13    Mean   :185.9    Mean   : 9.958    Mean   :77.88
## 3rd Qu.:63.25    3rd Qu.:258.8    3rd Qu.:11.500    3rd Qu.:85.00
## Max.   :168.00    Max.   :334.0    Max.   :20.700    Max.   :97.00
## NA's   :37      NA's   :7
##      Month      Day
##  Min.   :5.000    Min.   : 1.0
## 1st Qu.:6.000    1st Qu.: 8.0
## Median :7.000    Median :16.0
## Mean   :6.993    Mean   :15.8
## 3rd Qu.:8.000    3rd Qu.:23.0
## Max.   :9.000    Max.   :31.0
##
```

You can also embed plots, for example:

```
## pdf
## 2
```

```
## pdf
## 2
```

