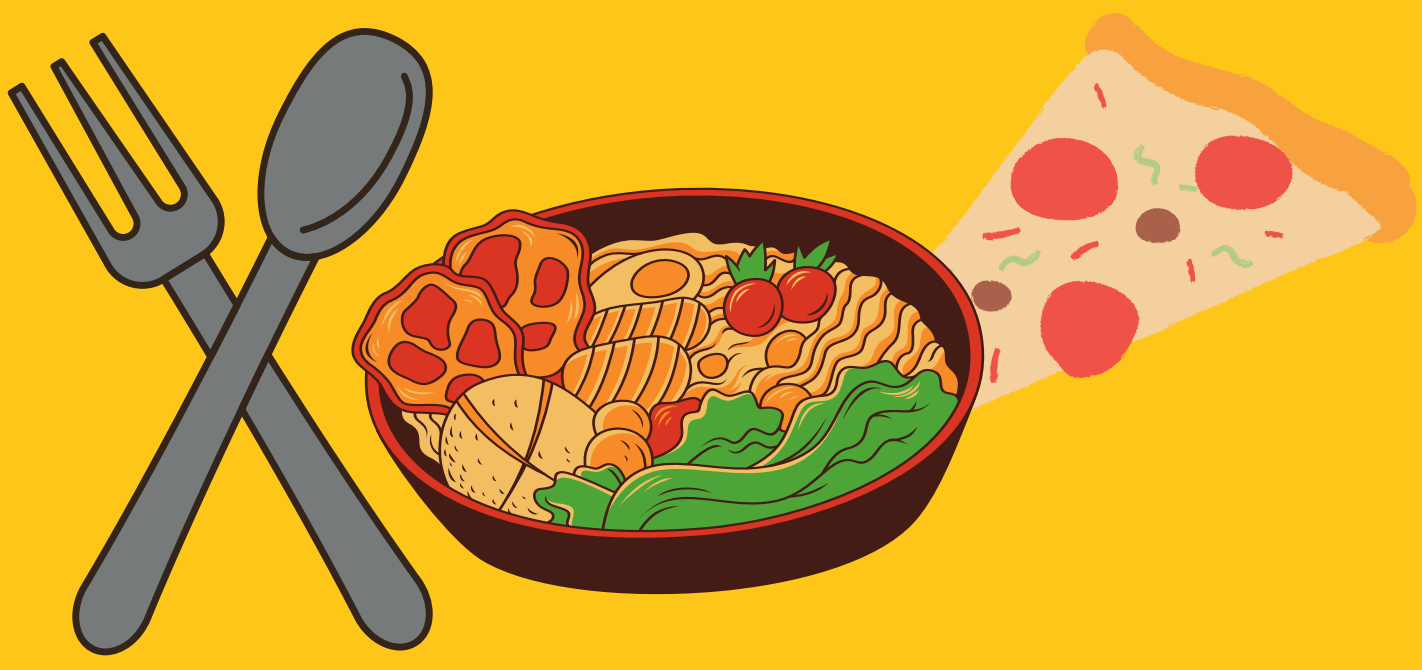
ZOMATO RESTUARANT SUCCESS



URL: CONTAINS THE URL OF THE RESTAURANT IN THE ZOMATO WEBSITE

ADDRESS: CONTAINS THE ADDRESS OF THE RESTAURANT IN BENGALURU

NAME: CONTAINS THE NAME OF THE RESTAURANT;
ONLINE-ORDER: WHETHER ONLINE ORDERING IS AVAILABLE IN THE RESTAURANT OR NOT

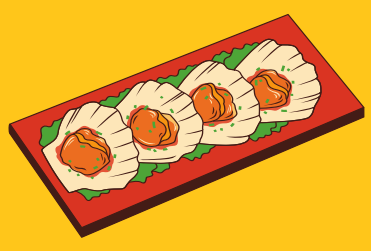
BOOK-TABLE: TABLE BOOK OPTION AVAILABLE OR NOT;
RATE: CONTAINS THE OVERALL RATING OF THE RESTAURANT OUT OF 5;

VOTES: CONTAINS TOTAL NUMBER OF RATING FOR THE RESTAURANT AS OF THE ABOVE MENTIONED DATE;

PHONE: CONTAINS THE PHONE NUMBER OF THE RESTAURANT;

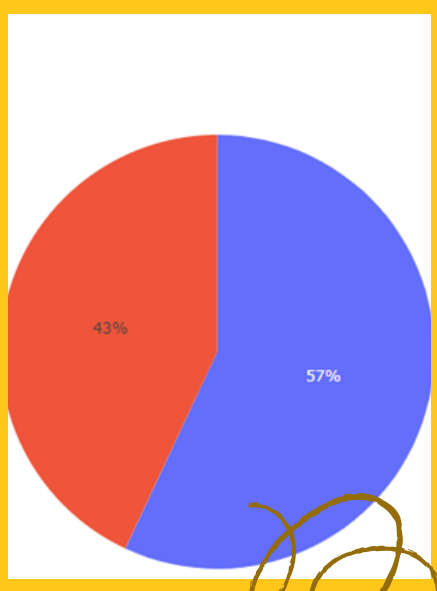
Zomato Restaurant Success

Given the feature vectore X, predict Success

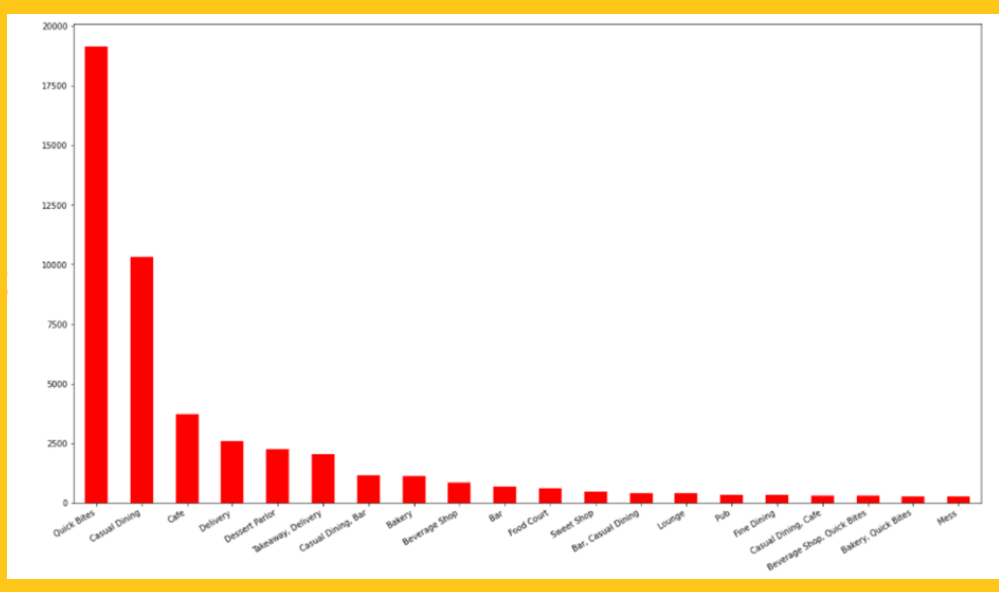


Restaurant Types

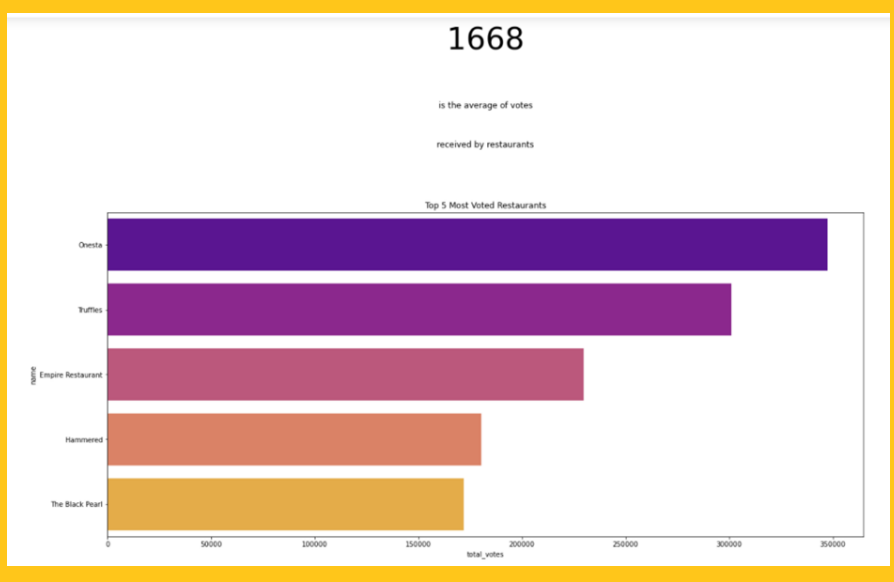
60 % are only Casual Dining + Quick Bite



20 largest Categori

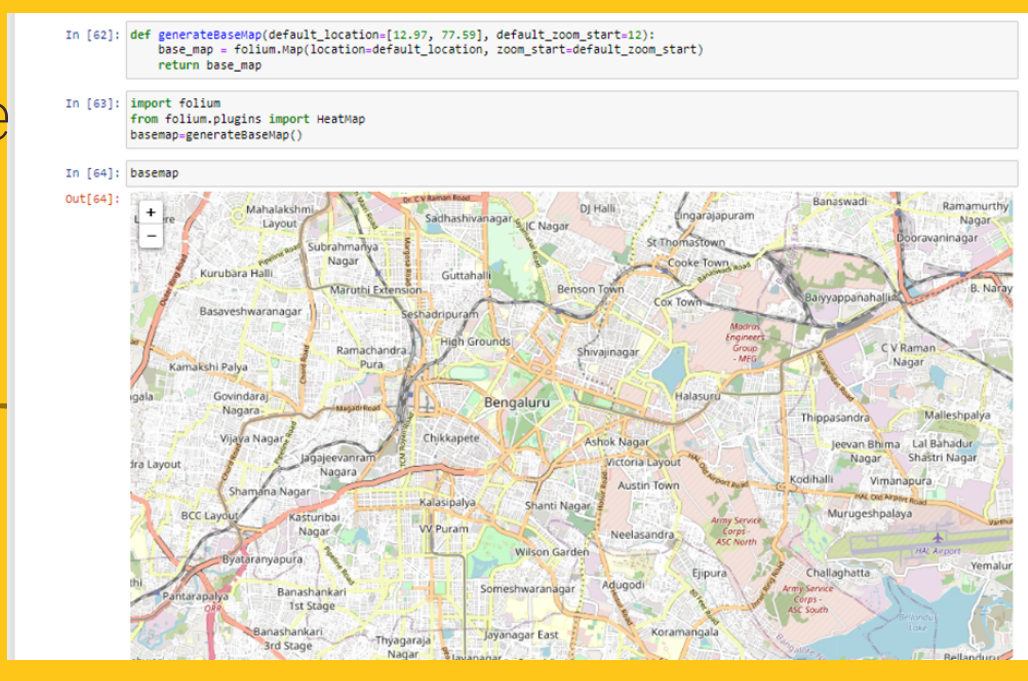


TOP 5 MOST VOTES

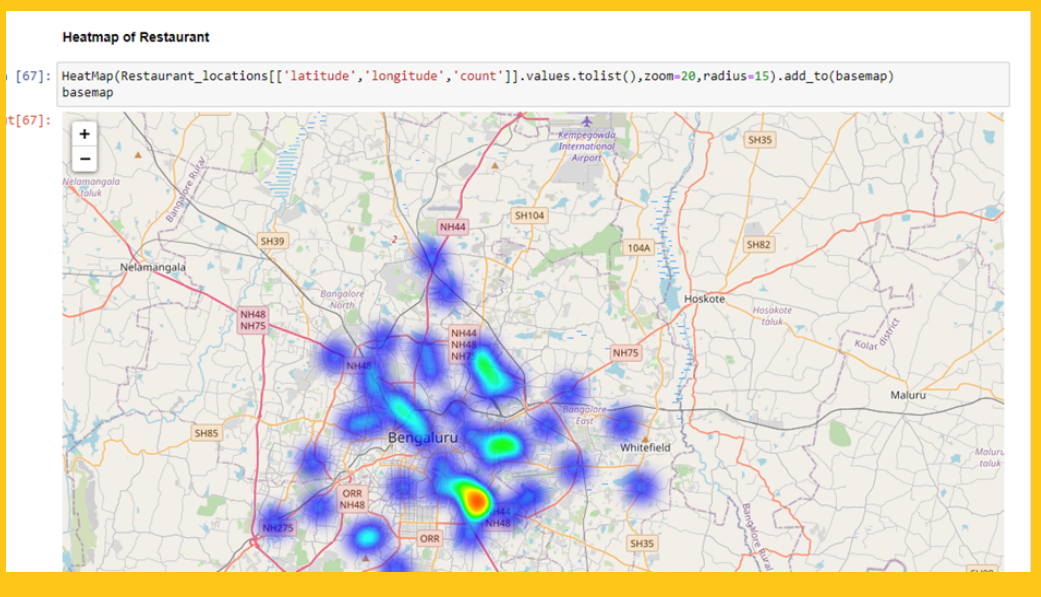


BaseMap with code

Got more information? Make it more organized by placing it on a table.



Heatmap . On basemap



In [86]:
```
wordcloud = WordCloud(width = 800, height = 800,
                      background_color ='white',
                      stopwords = stopwords,
                      min_font_size = 10).generate(total_review)
# plot the WordCloud image
plt.figure(figsize = (8, 8))
plt.imshow(wordcloud)
plt.axis("off")
```

Out[86]: (-0.5, 799.5, 799.5, -0.5)

RESULTS PLEASE

LogisticRegression
[[3467 1519]
 [785 2484]]
0.7208964264082375

Naive Bayes
[[3040 1460]
 [1212 2543]]
0.6763173834039976

RandomForest
[[3523 961]
 [729 3042]]
0.7952755905511811

Decision Tree
[[3643 807]
 [609 3196]]
0.8284675953967292

KNN
[[3625 1003]
 [627 3000]]
0.8025439127801333