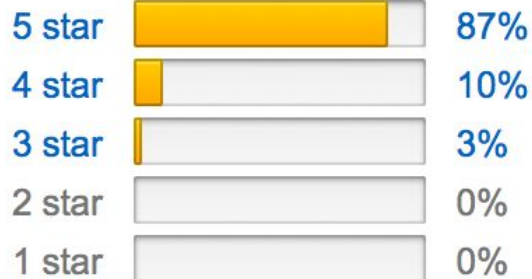


Customer Reviews

★★★★★ 38

4.8 out of 5 stars ▾



[See all 38 customer reviews ▸](#)

Zocdoc



Dr. Shahid Hasnain, MD

Pediatrician

★★★★★ [Read patient reviews](#)

[Practice Gen](#)

[See all 7 photos](#)

Qualifications and Experience

Education Medical School - Dow University of Health Sciences
Lincoln Hospital, Internship in Pediatrics

Hospital Affiliations Saint Luke's Episcopal Hospital
Texas Children's Hospital
Memorial Hermann Sugar Land Hospital

"Great evening, extremely good value"

★★★★★ Review of L'Ange 20 Restaurant

I went to this place with my boyfriend for a special occasion and we were not disappointed. We were greeted warmly by Christopher who guided us through the menu and wine. The food was delicious and I only wish that we could have had room for three courses. The value was excellent compared to other places in the area. It was hard to match during the week.

I had the lamb which

★★★★★ Value

★★★★★ Atmosphere

Was this review helpful?

NEW



Dragonfly L.

3 months ago

👍 0 🗣️ 1 📷 0

★★★★★

As an American Israeli I always have high expectations in restaurants for both incredible food and nice gestures by service providers....



Vicki S.

1 month ago

👍 41 🗣️ 31 📷 13

★★★★☆ 🌐 1 📷 2

I really want to love this place, it's one of my favorite cuisines, but.... I got the chicken shwarma platter today - with tax it came to 1...



John N.

3 months ago

👍 86 🗣️ 2 📷 0

★★★★★

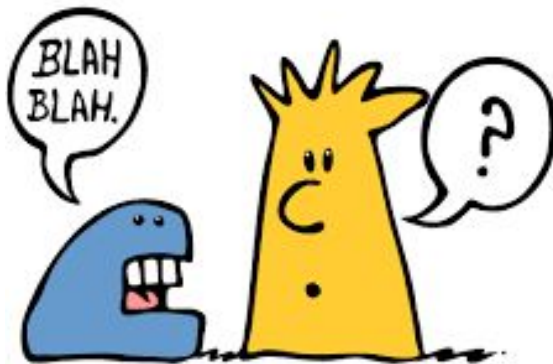
It was our first time in Amba although we have a business in the neighborhood and we were







**Everything mediocre?
Mixture of GREAT and Horrible?**

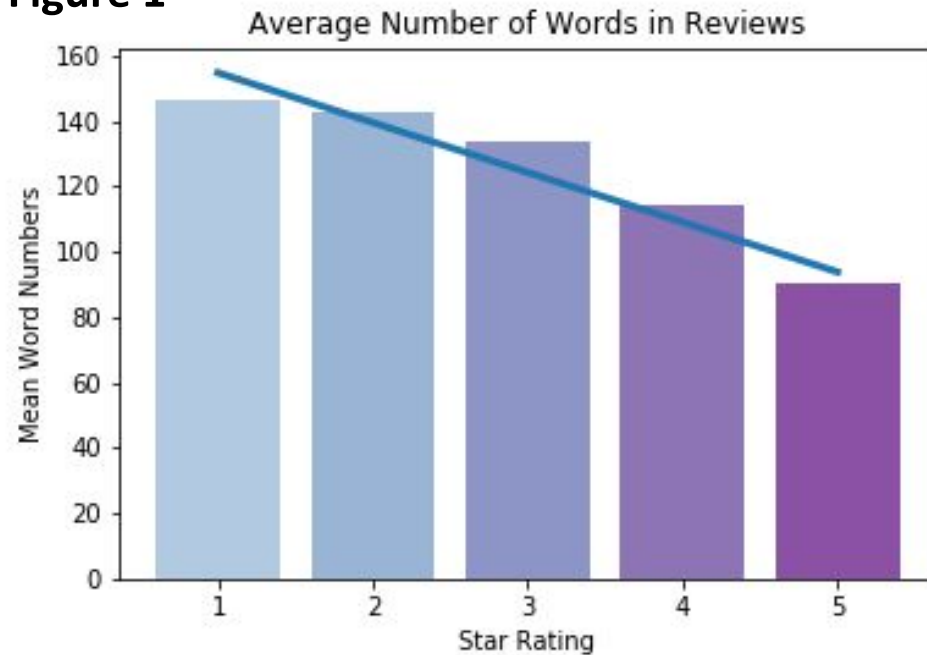




100k Yelp Reviews

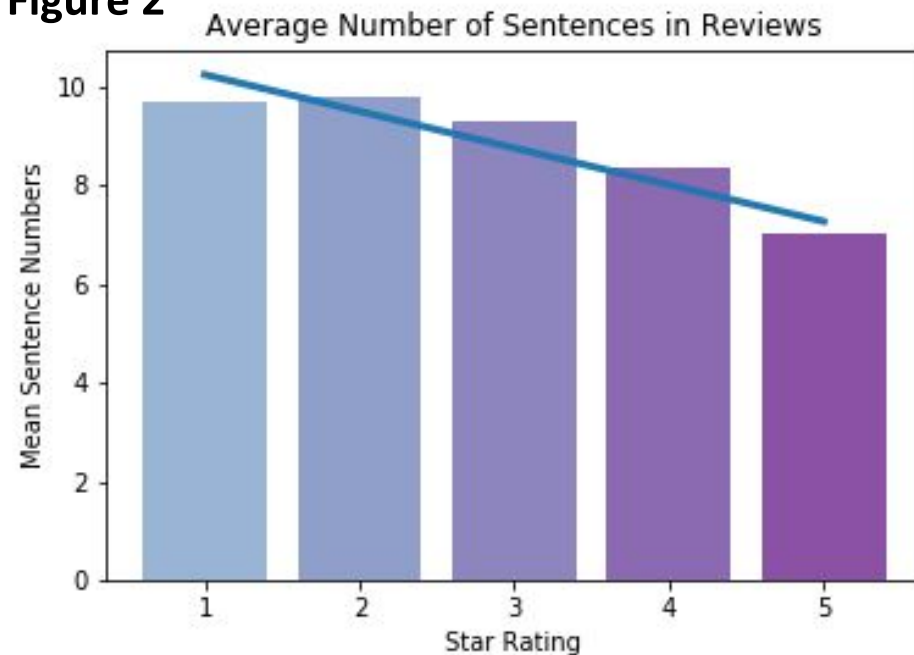
Do people talk a lot about something mediocre?

Figure 1



- Used spaCy to tokenize reviews into words and sentences
- Used linear regression to examine review length and star rating

Figure 2



What do people actually say?

Something is great, **HOWEVER.....**

Figure 3

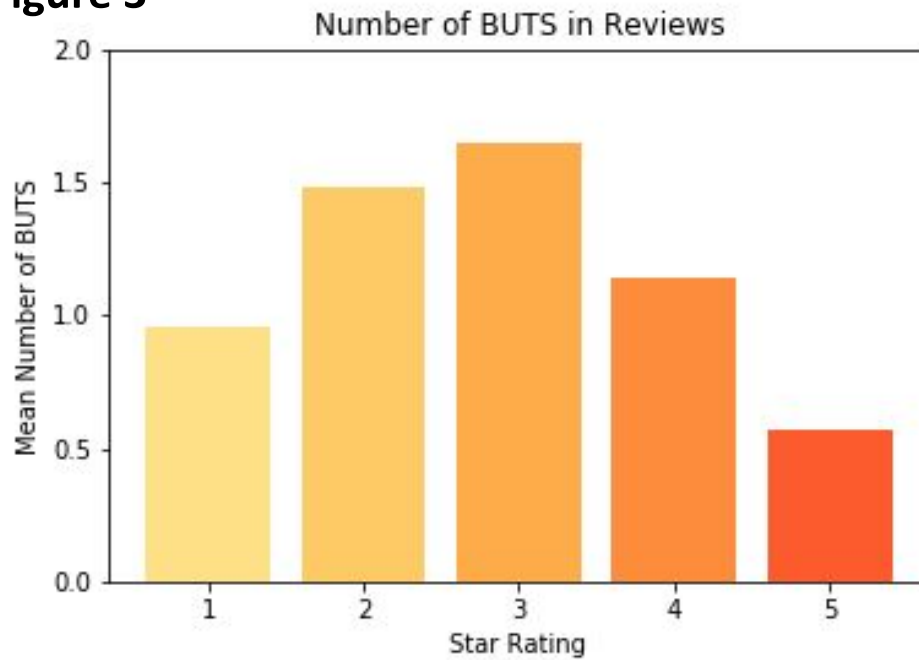
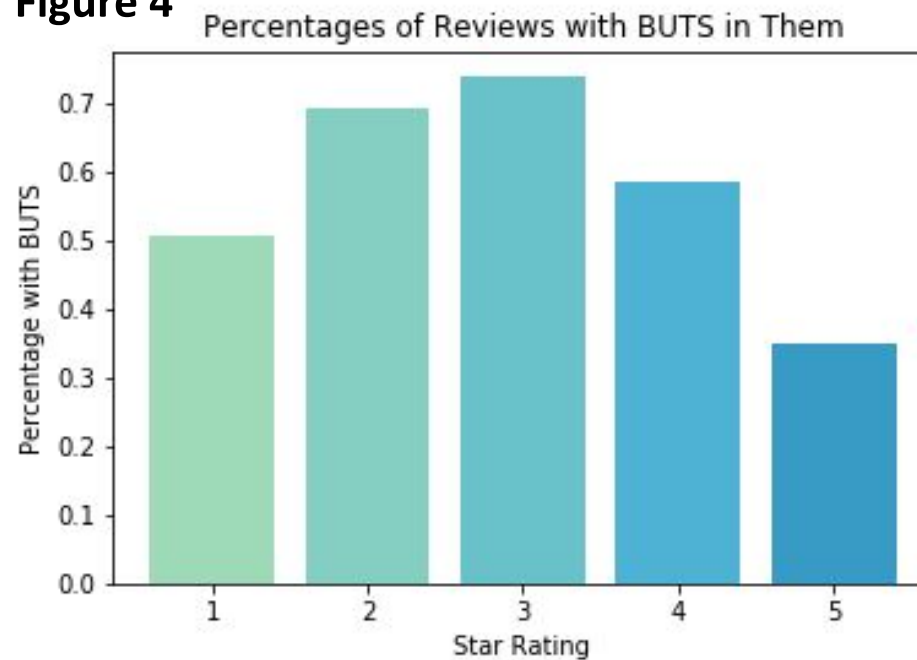


Figure 4



Most Frequent Words



never
bad
manager
leave
...



but
bad
good
great
nice
pretty
star
...



good
great
nice
friendly
delicious
definitely
love
amazing
awesome
...

Used lemmatization from spaCy, and then CountVectorizer from sklearn

Ask the Machine

So far: 3-star is a mixture of good and bad.

but are they good, or bad?

Let's ask the model!

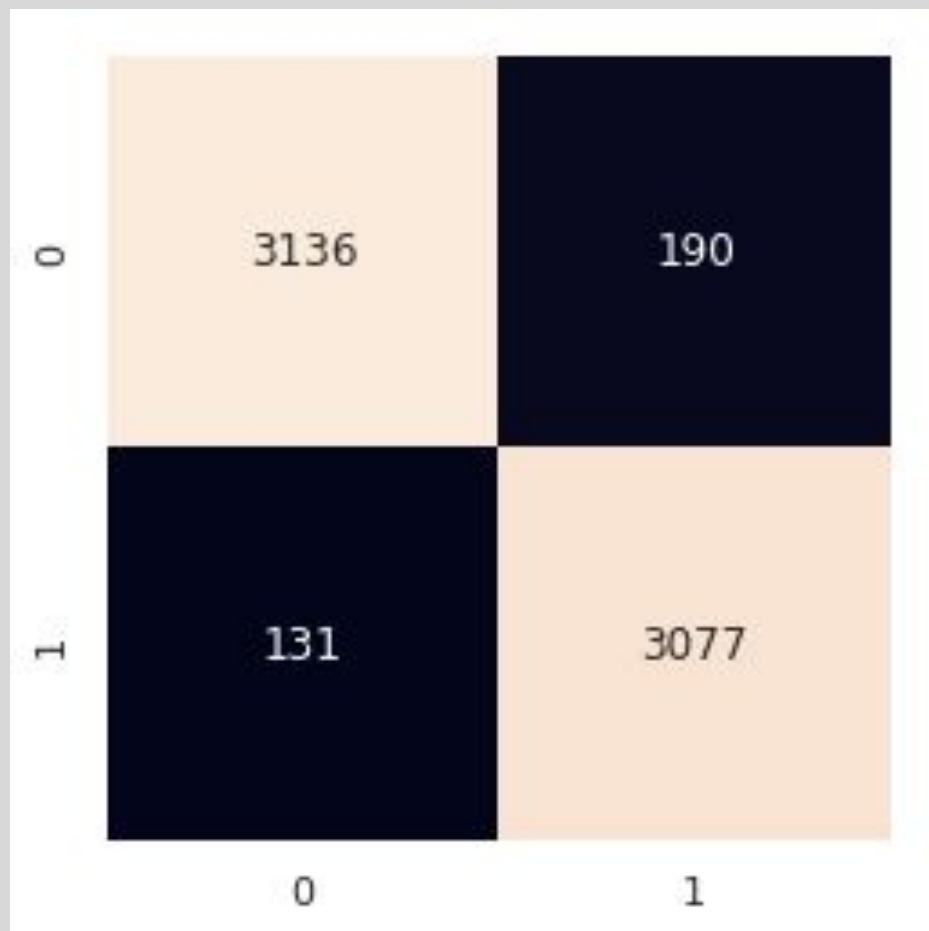
The Model

- Model was trained to classify 1-star and 5-star reviews
- Feature: doc2vec
 - word2vec model trained using all 100k reviews (gensim)
 - averaged word2vec for each review
- train_set: 1-star + 5-star 10000 each
- test_set: 1-star + 5-star 3267 each

Model Performance

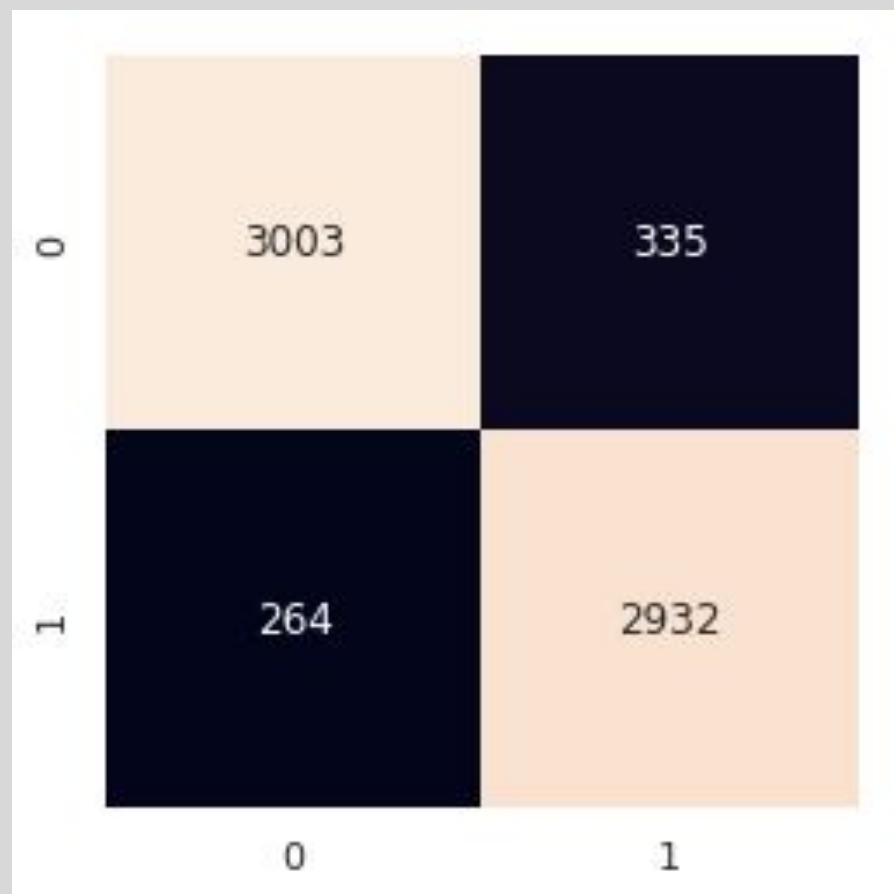
	training score	test score
GaussianNB	0.79435	0.79384
Logistic	0.9535	0.95056
RandomForest	0.9992	0.89348
ExtraTrees	0.99995	0.91307
SVC	0.95555	0.95071

Confusion Matrix_LogisticRegression



0: 1-Star
1: 5-Star

Confusion Matrix_ExtraTree



Ask the Model

Classifying 3-Star as 1 or 5

	training score	test score	3-star as 5-star
GaussianNB	0.79435	0.79384	0.46192
Logistic	0.9535	0.95056	0.52113
RandomForest	0.9992	0.89348	0.55983
ExtraTrees	0.99995	0.91307	0.61700
SVC	0.95555	0.95071	0.52401

Tools used

- pandas, numpy: general data processing
- NLTK: word and sentence tokenizer
- spaCy: lemmatization, sentence tokenizer
- sklearn: CountVectorizer, classification (randomforest, extratrees, GaussianNB, logistic, SVM_SVC)
- gensim: word2vec