



Restaurant Grading And Recommendation

-- Based On The Sentiment Analysis In Twitter

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Problem Statement

It's Always hard to decide 'What To Eat' when we have a plenty of choices. Nowadays, people like post their good or bad experiences on Twitter when they go to a restaurant. So, the hottest restaurant among their friends will be a good idea.

Approach

- ▶ **Using Sentiment Analysis Analyze The Twitter Reviews Of Restaurants**

- Using Lexicons (Word Lists)

- List of terms with positive/negative/neutral sentiment

- ▶ **Using Machine Learning (Kth – Nearest Neighbors) To Recommend Restaurants.**

Data

- ▶ Collecting reviews on Twitter of 15 restaurants by using Twitter API
Panda Express, Chipotle, Gyu-Kaku.....
- ▶ Restrict the scope to the United State
`{'locations': '-124.637,24.548,-66.993,48.9974' }`

Time Line

- ▶ October 18 : Proposal
- ▶ October 29 : Collecting Data
- ▶ November 5 : Filter and Organize Data
- ▶ November 12 : Method implementation
- ▶ November 19 : Analysis of results
- ▶ November 26 : Conclusions and reviews
- ▶ December 3 : Presentation