

Yelp: Context Analysis (Text & Image)

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Agenda

- Problem & Motivation
- Data Description
- Exploratory Analysis

Problem & Motivation

- Explore interesting data trends/patterns
- Analyze context changes over time
- Build a rating predictor based on review context including texts and images

Dataset Description

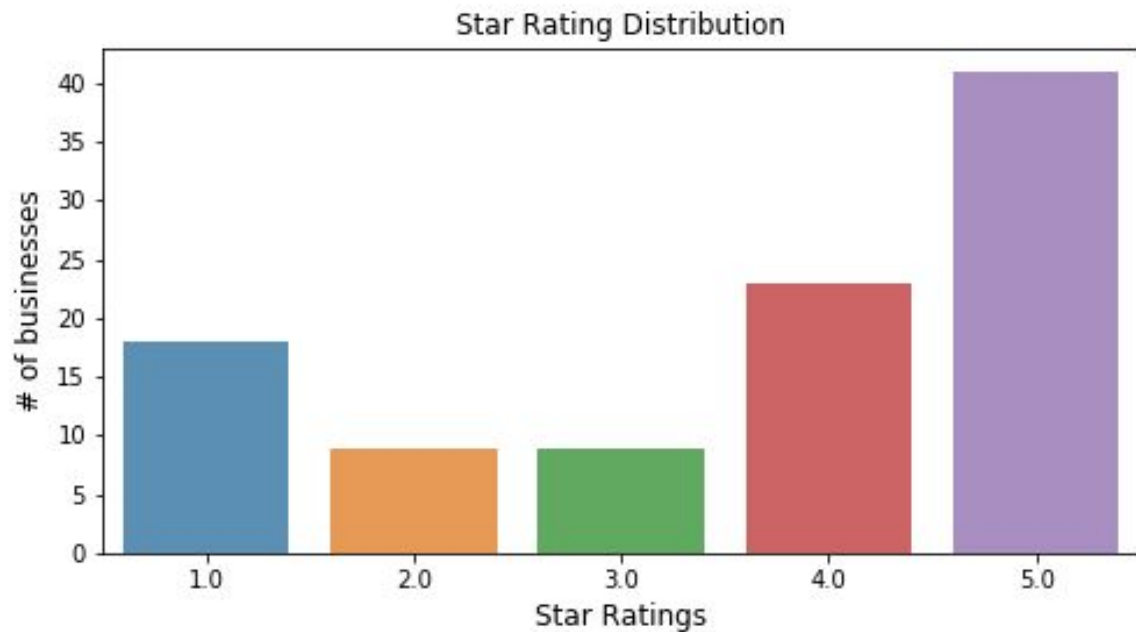
TEXTDATA

- Business.json
- Review.json
- Checkin.json
- Review.jsom
- Tip.json

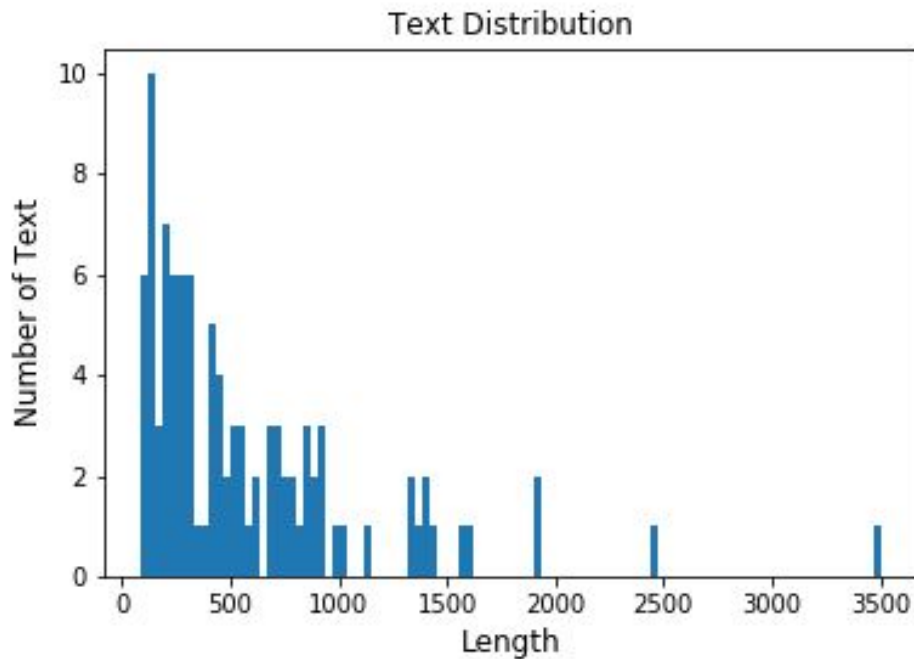
IMAGE DATA

- Photos.jpg
- Photos.json

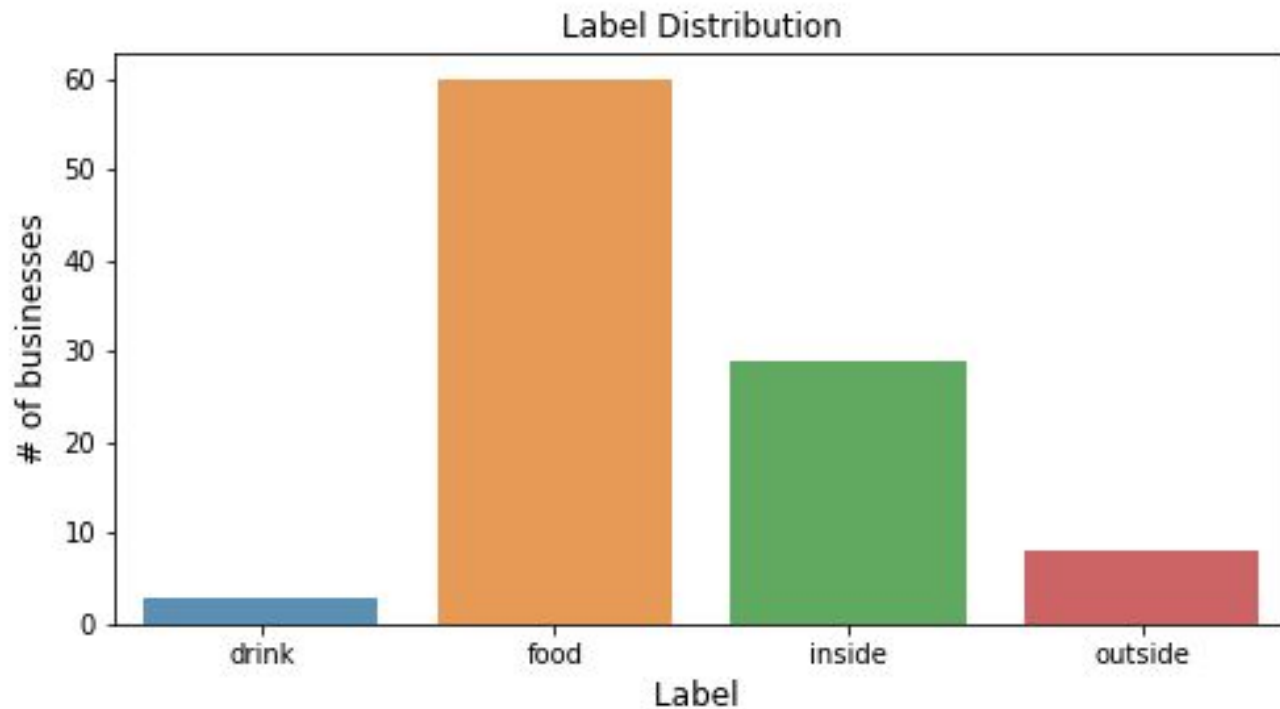
Dataset Description



Dataset Description



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Future Directions

- Prepare the data for Machine Learning algorithms
- Select a model and train it