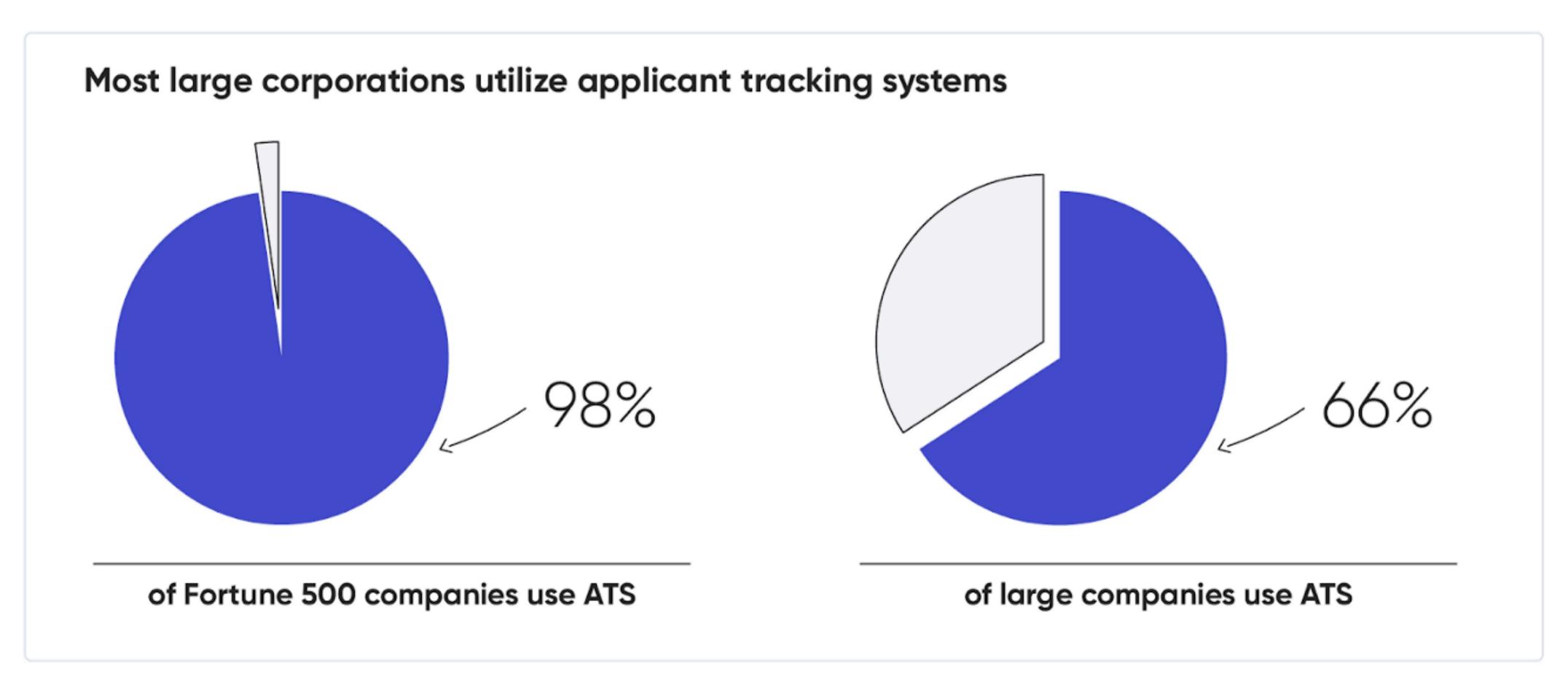
Resumatchmaker

A model helps you find jobs that match your skills and experience

Agenda

- Background story
- Model Building
 - A. Data Cleaning
 - B. EDA
 - C. Tokenization
- Demonstration
- Improvement

Applicant Tracking Systems



Source: Jobscan research

Source: Kelly OCG survey

Applicant Tracking Systems

- Resume Pasring
- Resume Storage
- Keyword Search
- Filters
- Automated Email
 Customization



Applicant Tracking Systems

- Resume Pasring
- Resume Storage
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Model Building

Data Cleaning

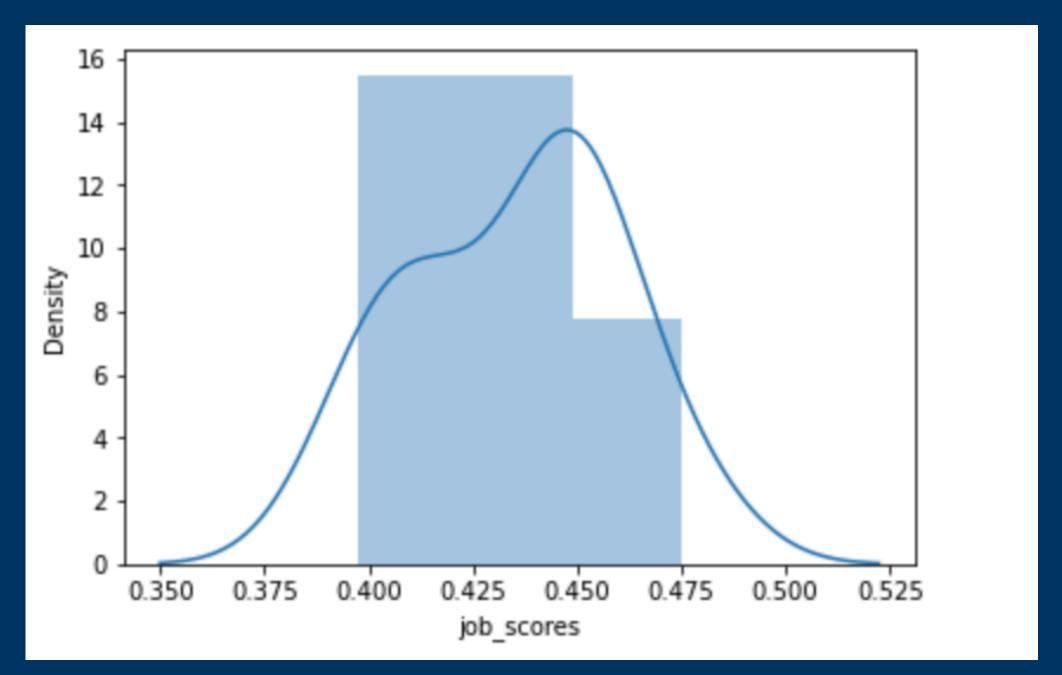
- Web Links
- Email Address
- Non English
- Punctuationsssss
- Joined words
- Numerical

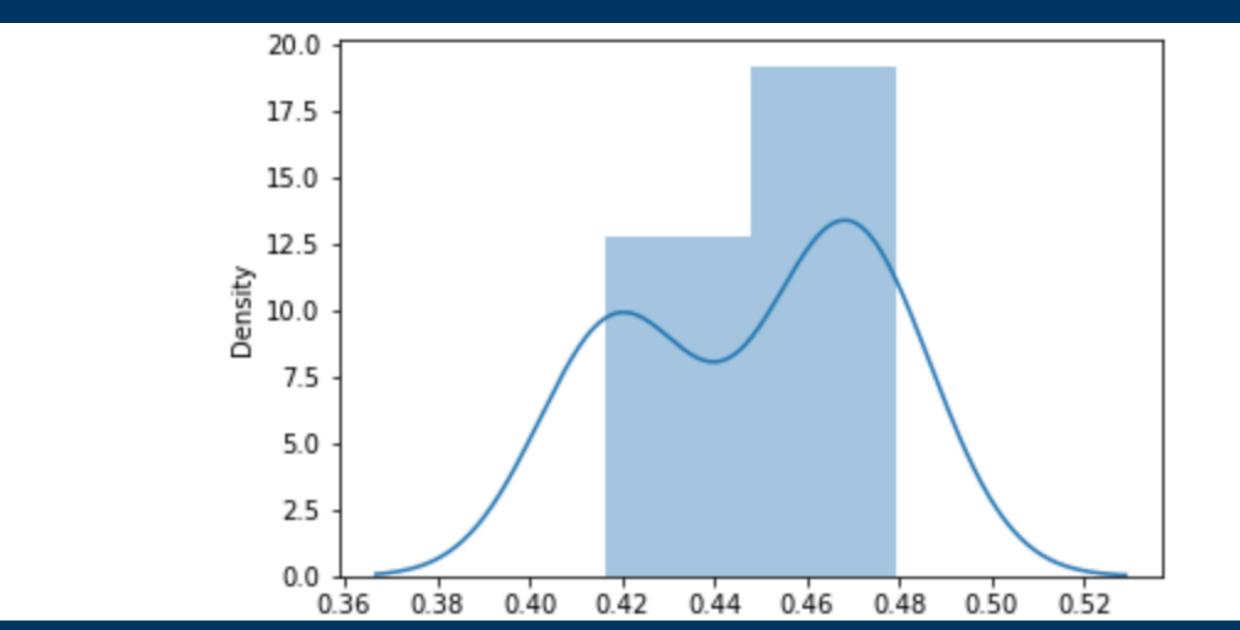
Important Matrix:

- Unique words
- Word counts

Libraries:

- Re
- String
- Unidecode
- Wordninja

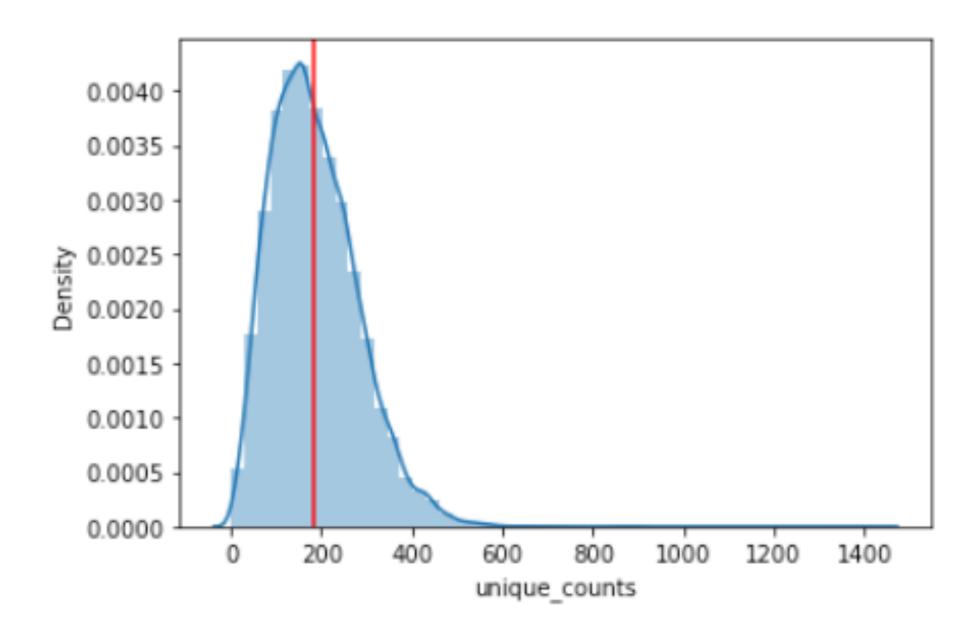




EDA

##most used words including stopwords.
#However, wordcloud has a build-in STOPWORDS list.
wordcloud(data_clean['jobdescription'])

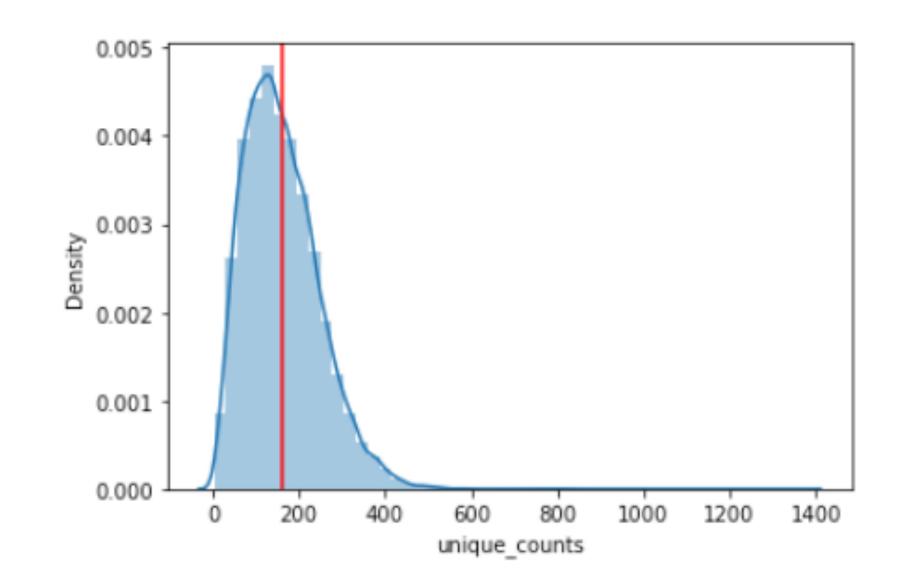




##showing the most used words in the dataset.
wordcloud(data_clean_stopwords['jobdescription'])

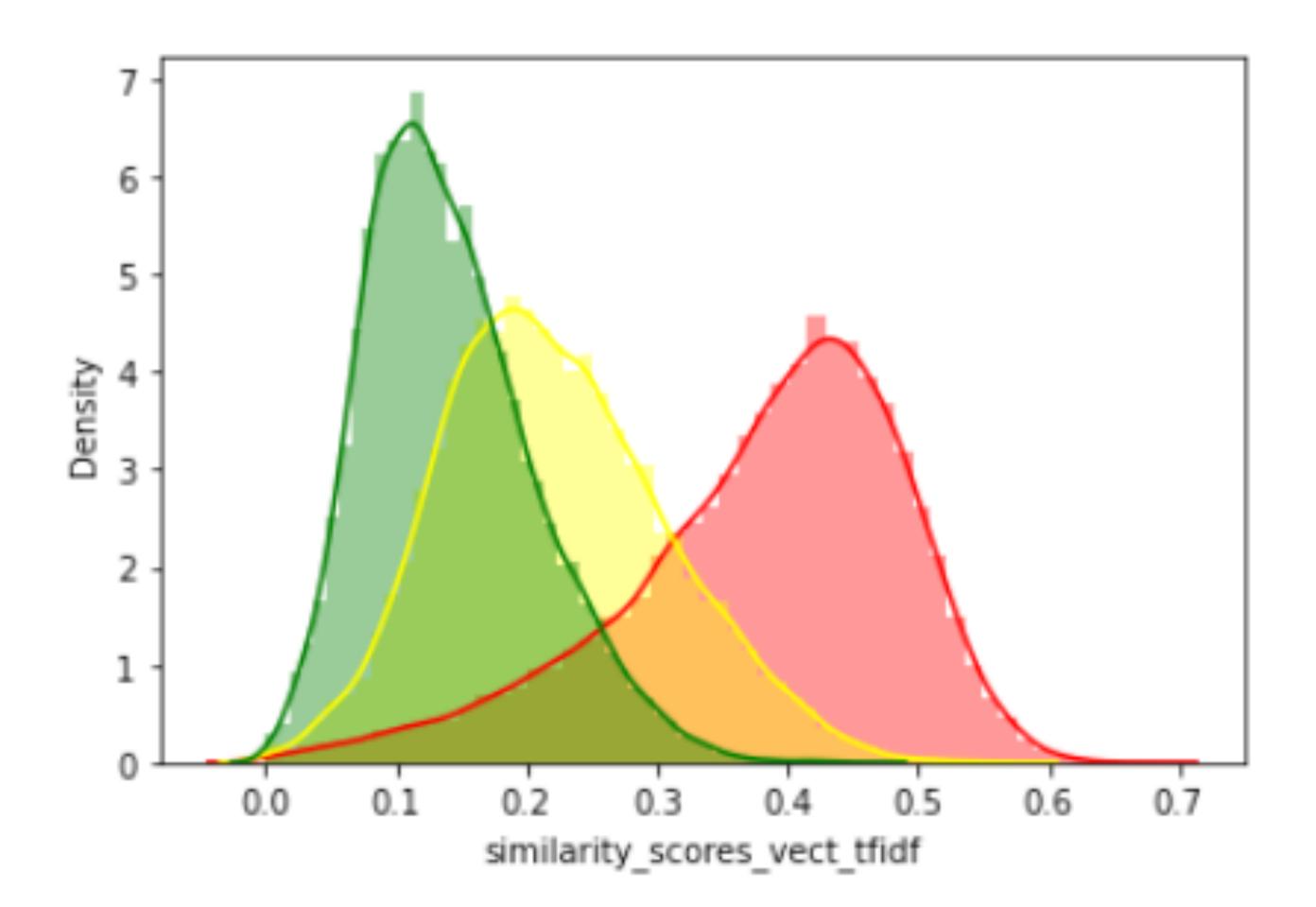
```
degree computer computer computer science

five year product project management computer communication skill two year project manager ability work experience working platform to ability work will appropriate three year into cycle three year bachelor degree skills ability work etc. To bachelor degree skills ability work application of two years are problem solving three year bachelor degree skills ability work etc. To bachelor degree skills ability work application of two years are problem solving to the problem solving to
```



Tokenization

- Stop words
- CountVectorizer
- TfidfTransformer



Demonstration

Improvement

- Paid API
- Put in Function
- Bert
- PDF reader
- CV improvement

Improvement