

TEAM



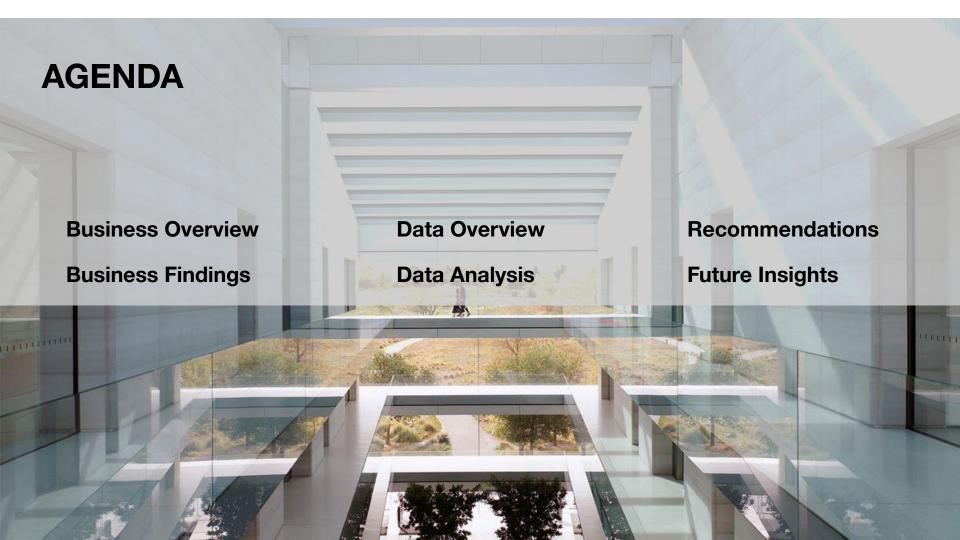
Dan Rosen
Technical Lead
dan_rosen@outlook.com
dangrosen



Mytreyi Abburu
GitHub Lead
abburumk@gmail.com
myt-hue



Marley Lopez
Presentation Lead
marleylopez@icloud.com
Ole-worm





Build a model to predict negative emotion displayed in tweets about Apple products.





FINDINGS

Our model predicts negative tweets with 88% accuracy.

Concerns surrounded iPhone battery life and SXSW iPad rollout.







DATA OVERVIEW

Dataset:

CrowdFlower 9092 Tweets

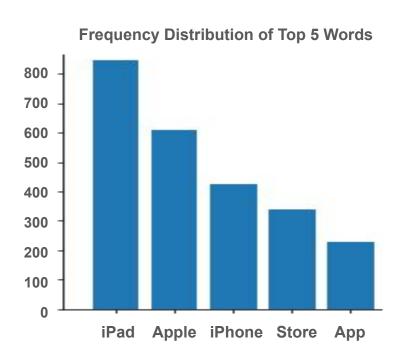
Limitations:

Imbalanced Data Demographic Bias Filtering:

Apple
Negative & Positive
2337 Tweets

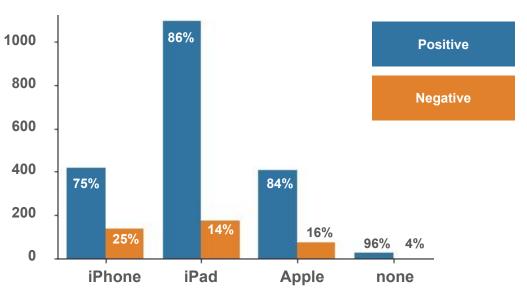


The most commonly tweeted word was 'iPad'.

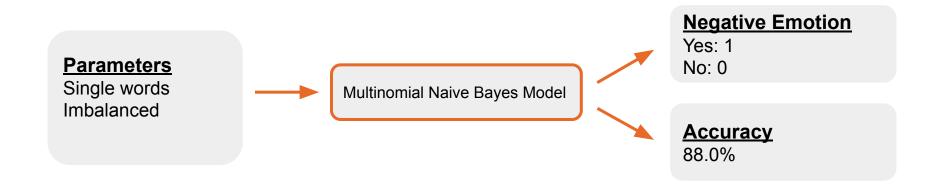


iPhone has a larger ratio of Negative to Positive tweets





NLP ANALYSIS



Common Words in Negative Tweets



overheard at MDW (and I'll second it) "halfway through my iPhone battery already and I haven't even boarded the plane to #sxsw" #amateurhour

9:24 AM · 3/11/11 from Earth

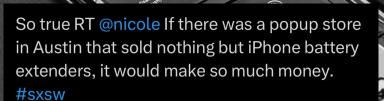
1 Repost



overheard at MDW (and I'll second it) "halfway through my iPhone battery already and I haven't even boarded the plane to #sxsw" #amateurhour

9:24 AM · 3/11/11 from Earth

1 Repost

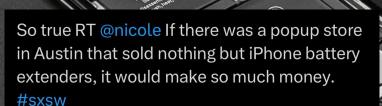


 $9:27\,\text{PM}\cdot 3/12/11$ from Earth

overheard at MDW (and I'll second it) "halfway through my iPhone battery already and I haven't even boarded the plane to #sxsw" #amateurhour

9:24 AM · 3/11/11 from Earth

1 Repost



9:27 PM · 3/12/11 from Earth

Seriously #sxsw? Did you do any testing on the mobile apps? Constant iPad crashes causing lost schedules, and no sync for WP7.

11:28 AM · 3/12/11 from Earth





Thorough Partnership & Rollout Planning

Improve iPhone Battery Life

Expand iPad Accessories





TEAM



Dan Rosen
Technical Lead
dan_rosen@outlook.com
dangrosen



Mytreyi Abburu
GitHub Lead
abburumk@gmail.com
myt-hue



Marley Lopez
Presentation Lead
marleylopez@icloud.com
Ole-worm



QUESTIONS?