



Who's the boss?

Is your boss a Scott or a Schrute?



Table of Contents

1

App Description

2

Data
Understanding

3

Algorithm

4

Insights



App Description



Research has shown that supervisor-employee relationship affects job performance



Must understand your boss to build a better relationship with them



Question is who IS your boss?



App helps you determine if your boss is a Michael Scott or Dwight Schrute so you can build a better relationship with them.

Demo

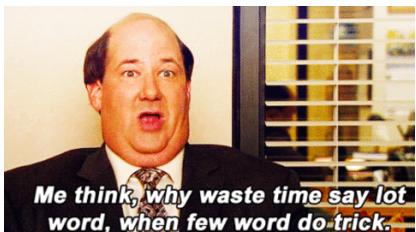
Data Understanding



Used transcripts from all 9 seasons of The Office



Filtered out Dwight and Michael text



Pre-processed all text



Algorithm



Tfidf vectorizer – to vectorize all lines for model input



Binary Classification – Logistic Regression

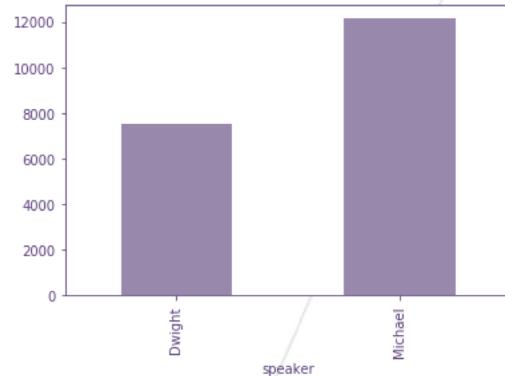
69%

Test Accuracy

Insights



Michael vs Dwight (number of lines):



Despite being on the show for more seasons,
Dwight has fewer lines than Michael.

Michael vs Dwight (common words):



Dwight says "Jim" (right) a lot more than Michael does.

