ML Code Lab

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Twitter Sentiment Analysis



The sun is finally out! #boston



1

I'm melting in this heat! #boston



0



The sun is finally out! #boston



1

[0, 1 ..., 1]

I'm melting in this heat! #boston



0

[1, 0 ..., 0]

Plan

- Building a classifier from end-to-end
 - Feature engineering
 - Analysis
 - Trying different models
- Next
 - Deep learning approach

Key Packages

- Numpy
- Pickle
- Sklearn
- scipy
- matplotlib

Key Resources

- Feature Engineering
 - CountVectorizer- Bag of words, n-grams, etc.
 - DictVectorizer- All other features.
 - hstack combining feature matrixes

Code

https://github.com/yala/ MLCodeLab

Questions?