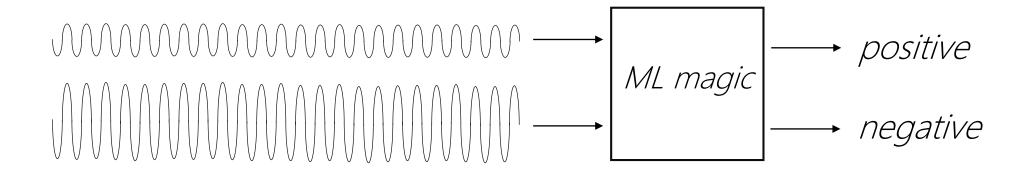
Speech sentiment analysis

Idea

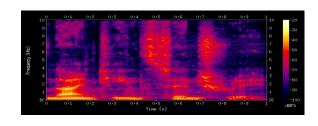
If people can write they may can be able to speak (but it isn't curtain)



First trouble(s)

- 1) No marked dataset
- 2) No dataset
- 3) No dataset at all
- 4) No experience in dealing with sound

Step №1



Convolution

MaxPooling

. . .

Dense

. . .

OutputDense

[0, 1, 1, ..., 0, 0, 0]

"Okay Librosa give me a spectrogram..."

Accuracy: 60% better then random...

Second try:

"Xgboost came to play with us. Forever..."

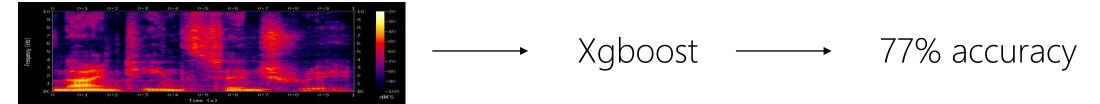
Simple file.wav opened in Python and ______ for Model _____ 64,5% accuracy loaded to array

Warning! Don't **try** to repeat! Consequences aren't explored!

Very important thig in ML is feature extraction. Models can do without it, but results are worth than with prepared features.

finally:

"Okay Librosa give me the second spectrogram..."



There may be other variants like models or ensembles from sklearn library or different variants of preprocessing.

Thanks for your attention!

You may try to ask some questions