



Wydział Matematyki
i Nauk Informatycznych

POLITECHNIKA WARSZAWSKA

7 maja 2024 roku

Przewidywanie sentymentu tweetów

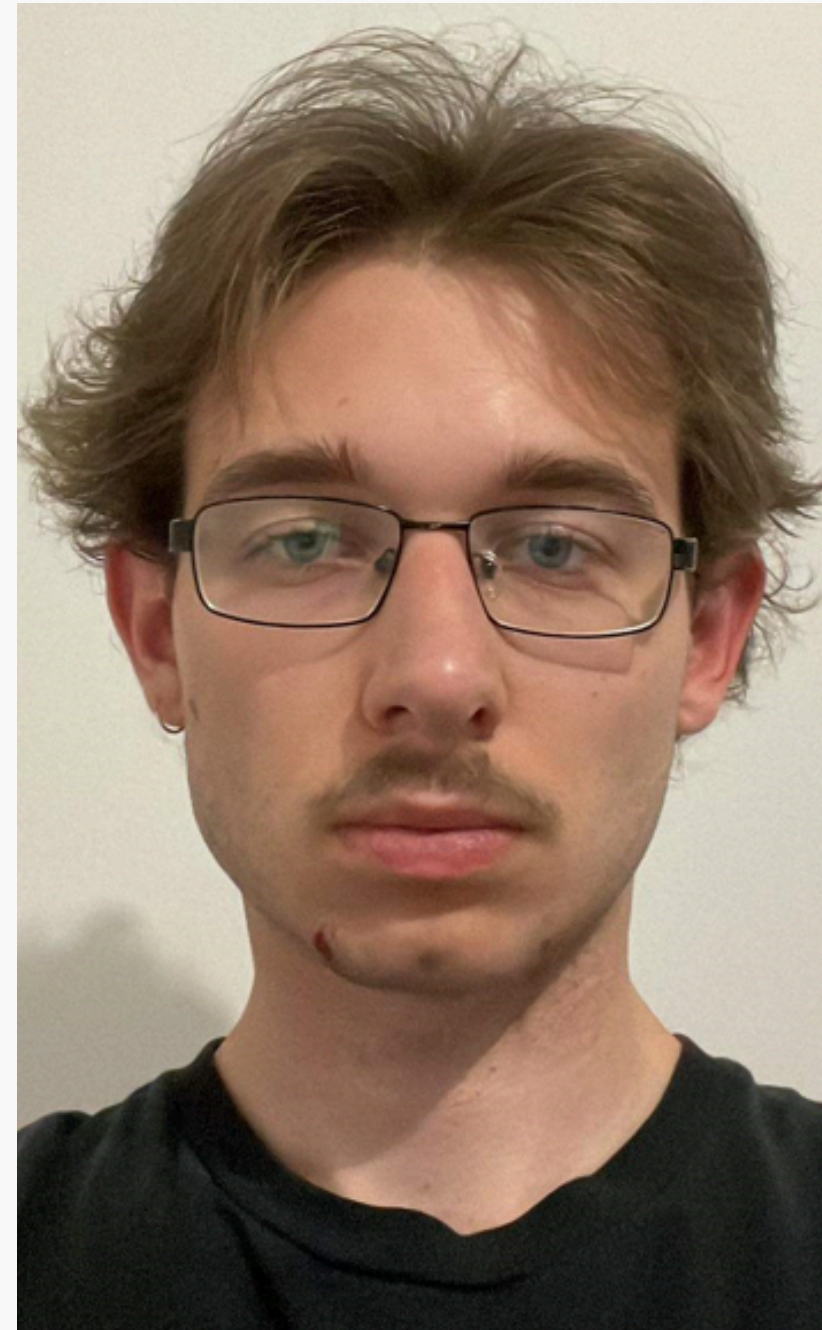
Maciej Momot | Filip Langiewicz



Walidatorzy

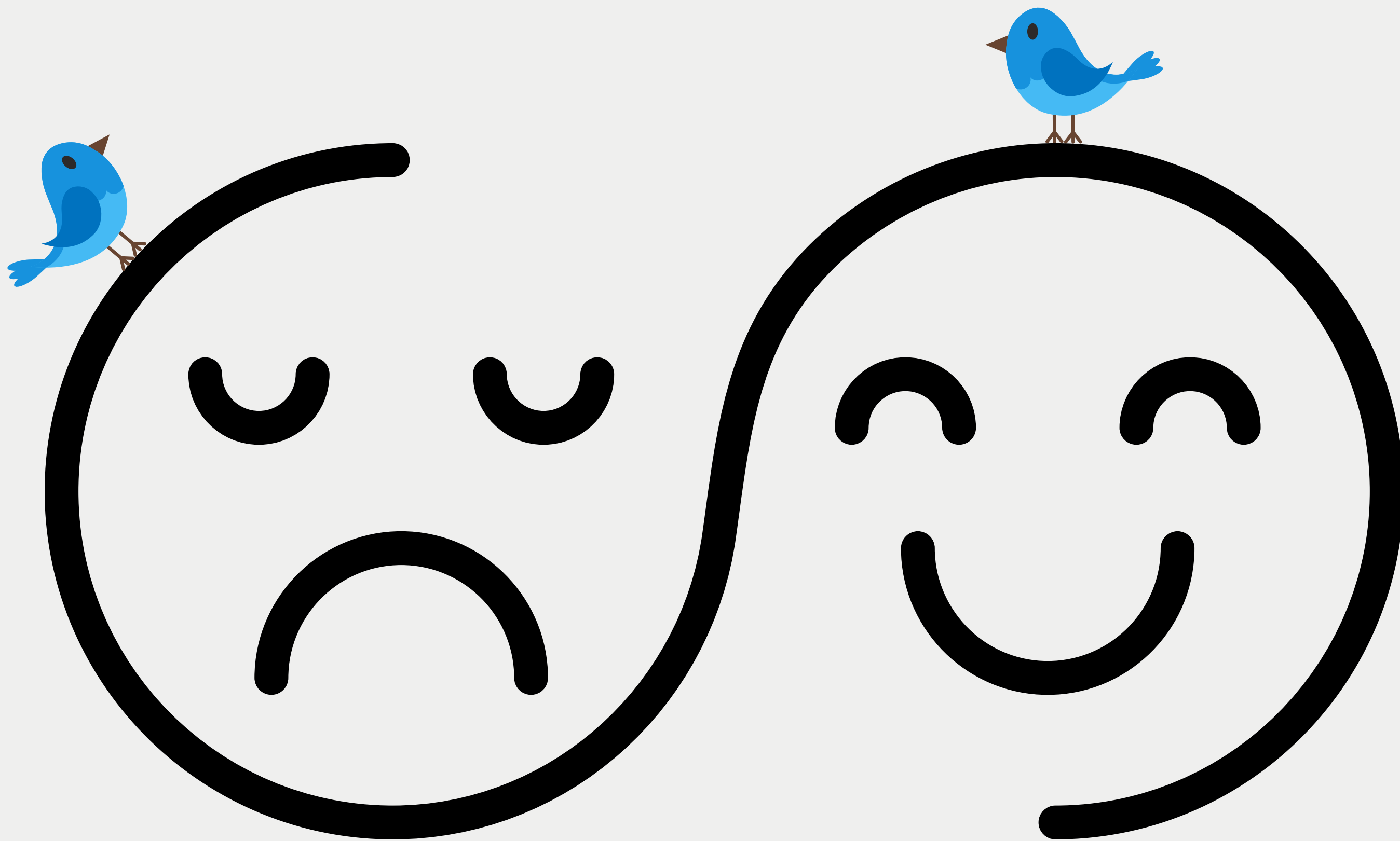


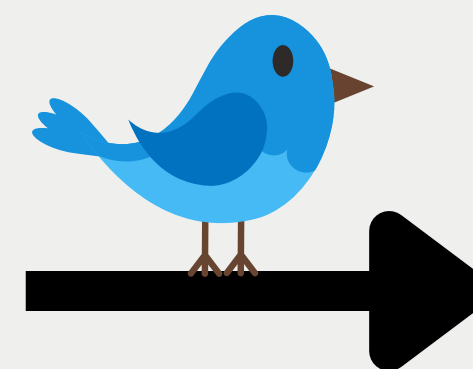
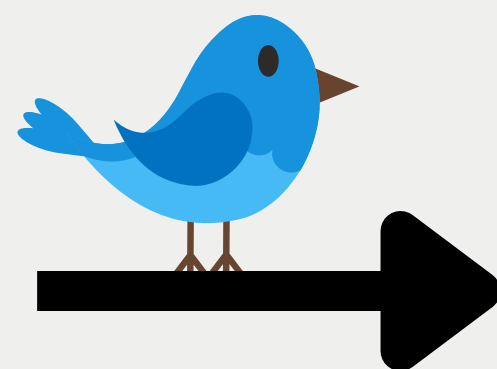
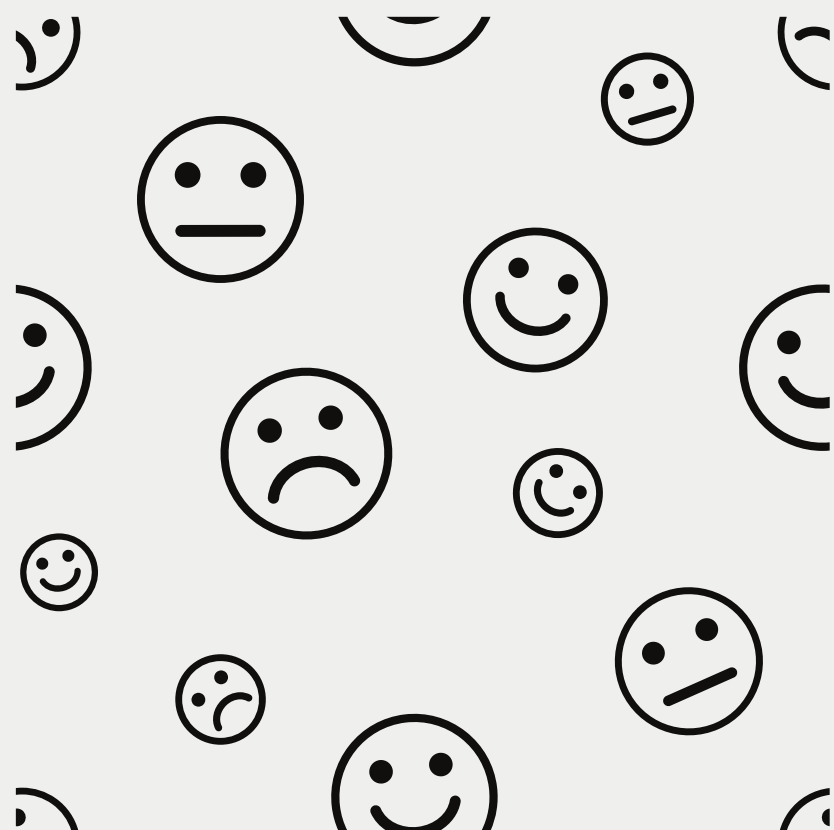
Michał Matuszyk



Aleksander Mróz

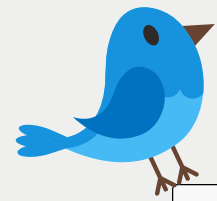






Podjęte działania





Slang i skróty

‘you’re’ -> ‘you are’

‘i’m’ -> ‘I am’

‘gotta’ -> ‘got to’

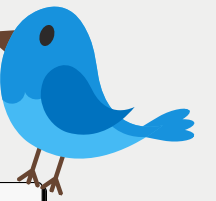
Lematyzacja

‘running’ -> ‘run’

‘better’ -> ‘good’

‘went’ -> ‘go’





Interpunkcja

‘Ok, thanks.’

->

‘ Ok thanks’

Wielkość liter

‘Ok thanks’

->

‘ ok thanks’





Tagi, strony internetowe



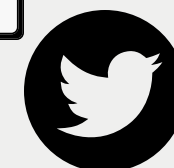
Analiza stop wordów

‘when’

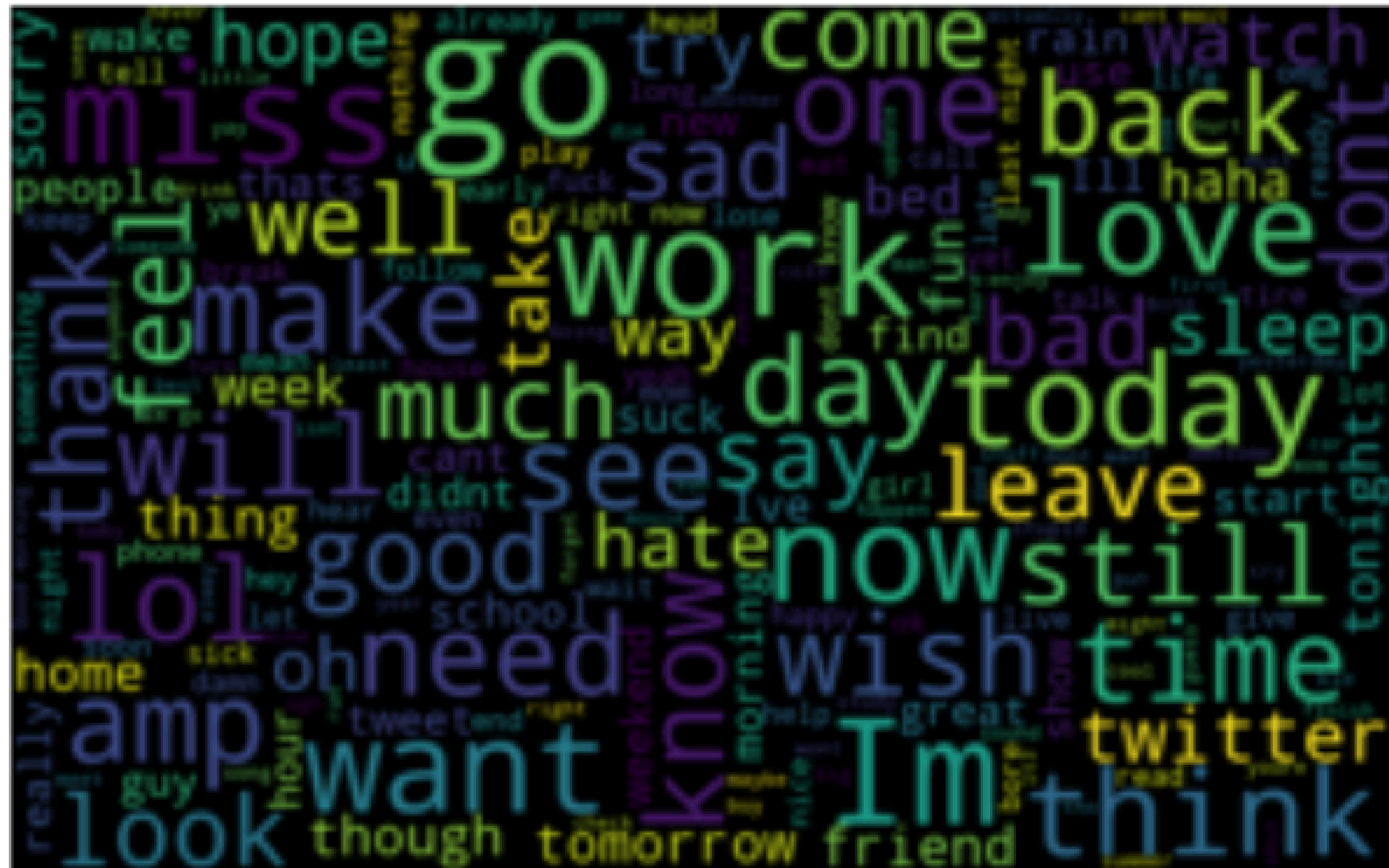
‘else’

‘be’

‘was’



All words



Wybrany
model:

Sieć neuronowa
Tensorflow



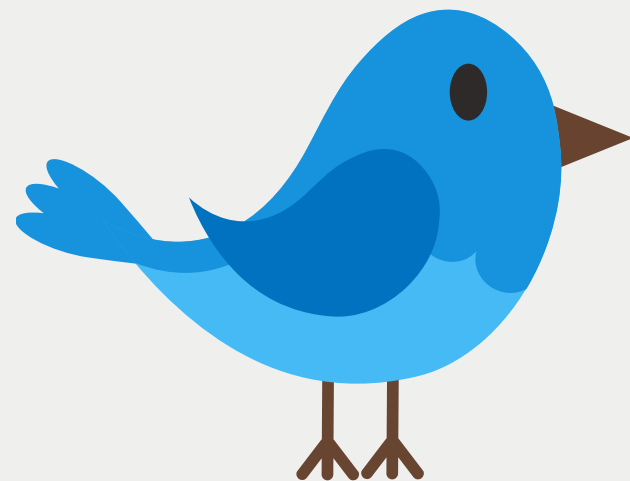
Accuracy

85%

Gini

0,76





Dziękujemy!

