

A person wearing a blue button-down shirt is holding an open silver briefcase. The briefcase is filled with numerous stacks of US dollar bills, primarily \$100 bills, which are visible at the bottom of the frame. The background is dark, and the overall lighting is dim, focusing attention on the briefcase and the text overlay.

Niskobudżetowy ML

jak sprzedać nie swój model klientowi



Kim jestem?
Programista ColdFusion
Team Leader w Binary Minds

AI?

ML?



konkurencja

analiza wydźwięku

kategoryzacja

771478

MIXED

0.87

0.03

0.02

0.08

771477

POSITIVE

0.00

0.00

0.00

1.00

771476 None
• Nothing found

NEGATIVE

0.00

0.41

0.56

0.02

771474

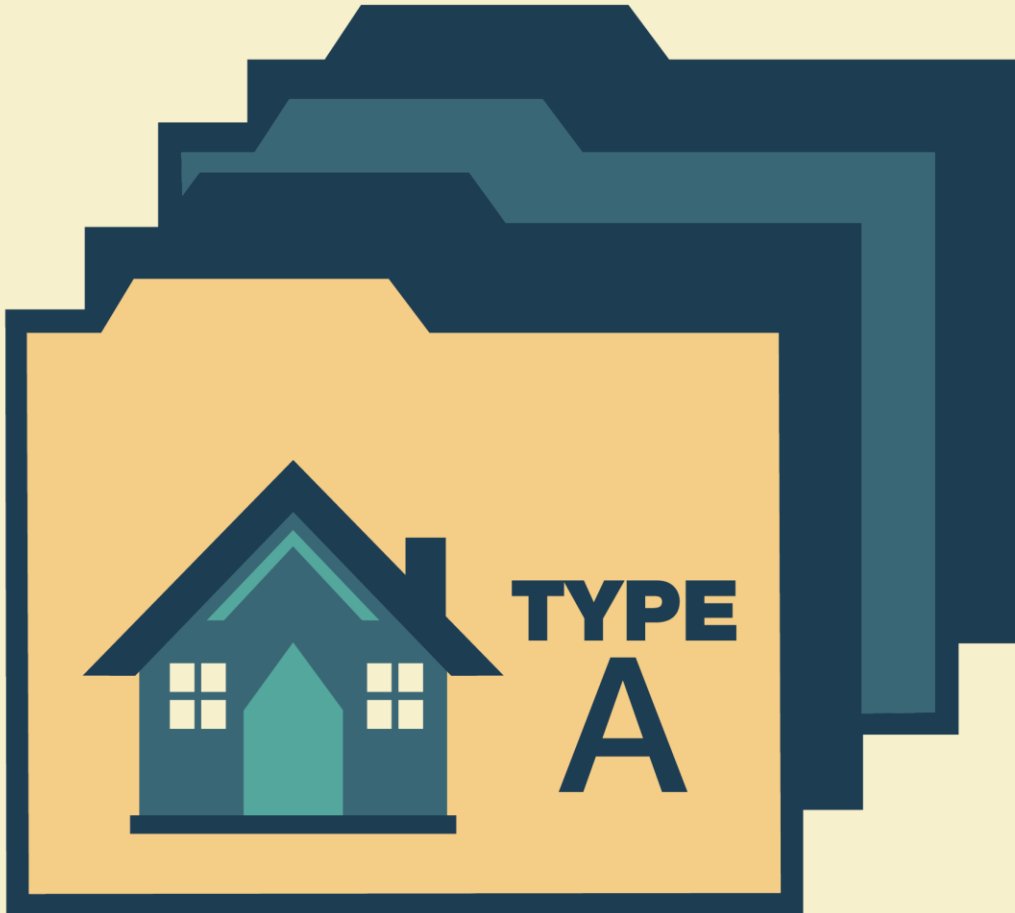
POSITIVE

0.00

0.00

0.00

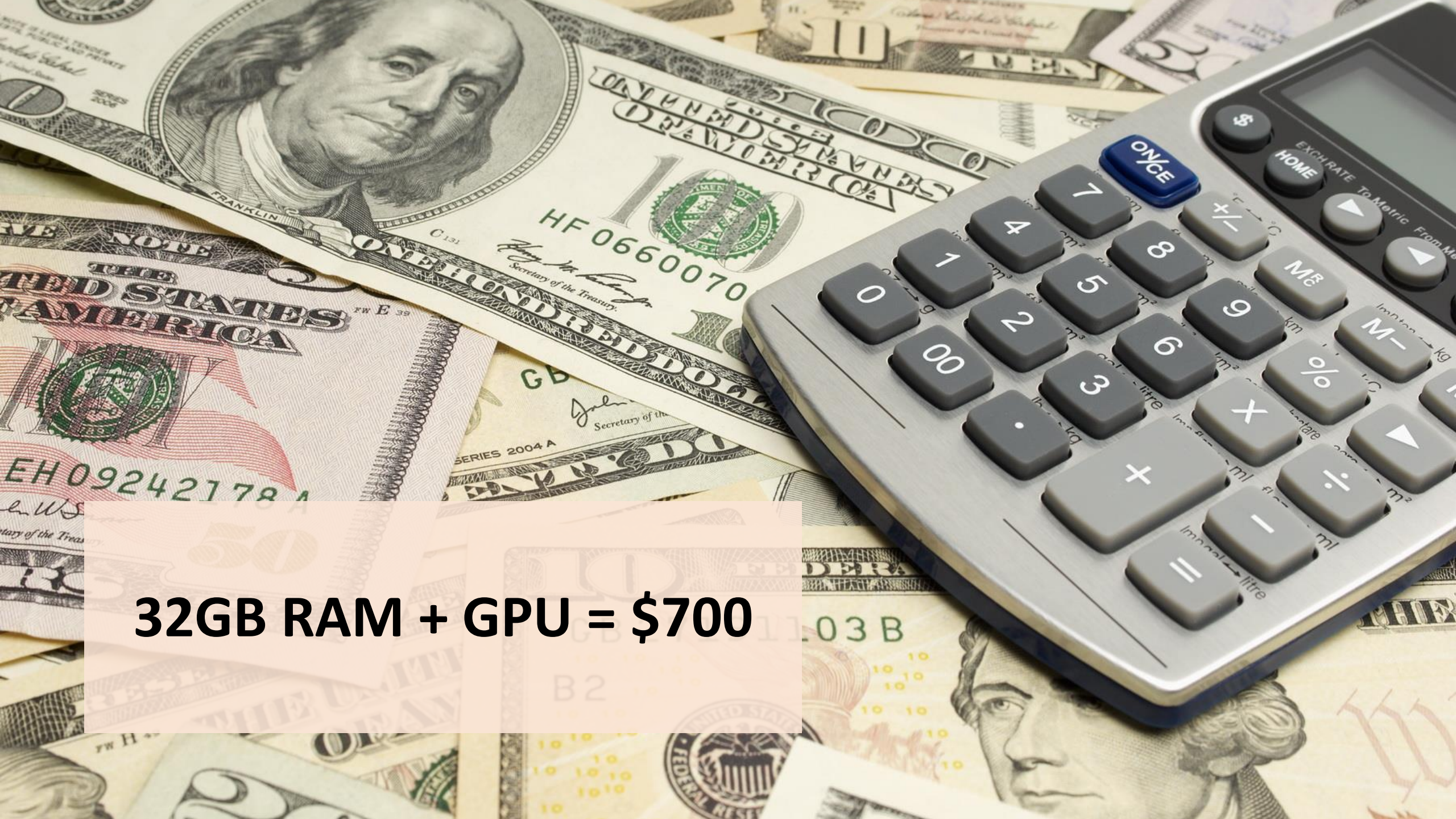
1.00



**Problem:
brak danych**



Macie kogoś znającego BERT?



32GB RAM + GPU = \$700

663370 **Whole comment:**
Alexandra was personable and professional, while attending me. She was very helpful and knowledgeable, in performing the transaction that I required; and all while making me feel comfortable and special. She is definitely an asset to the bank.

POSITIVE			
Mixed	Neutral	Positive	Negative
0.00%	2.70%	97.29%	0.01%

Staff Attitude (Friendliness, Professionalism & Willingness to Help) **99.06%:** Staff Attitude (Friendliness, Professionalism & Willingness to Help)

Staff Knowledge, Efficiency & Expertise **0.43%:** Staff Knowledge, Efficiency & Expertise

0.15%: Member Advocacy

663370 **Sentence from a comment:**
She was very helpful and knowledgeable, in performing the transaction that I required; and all while making me feel comfortable and special.

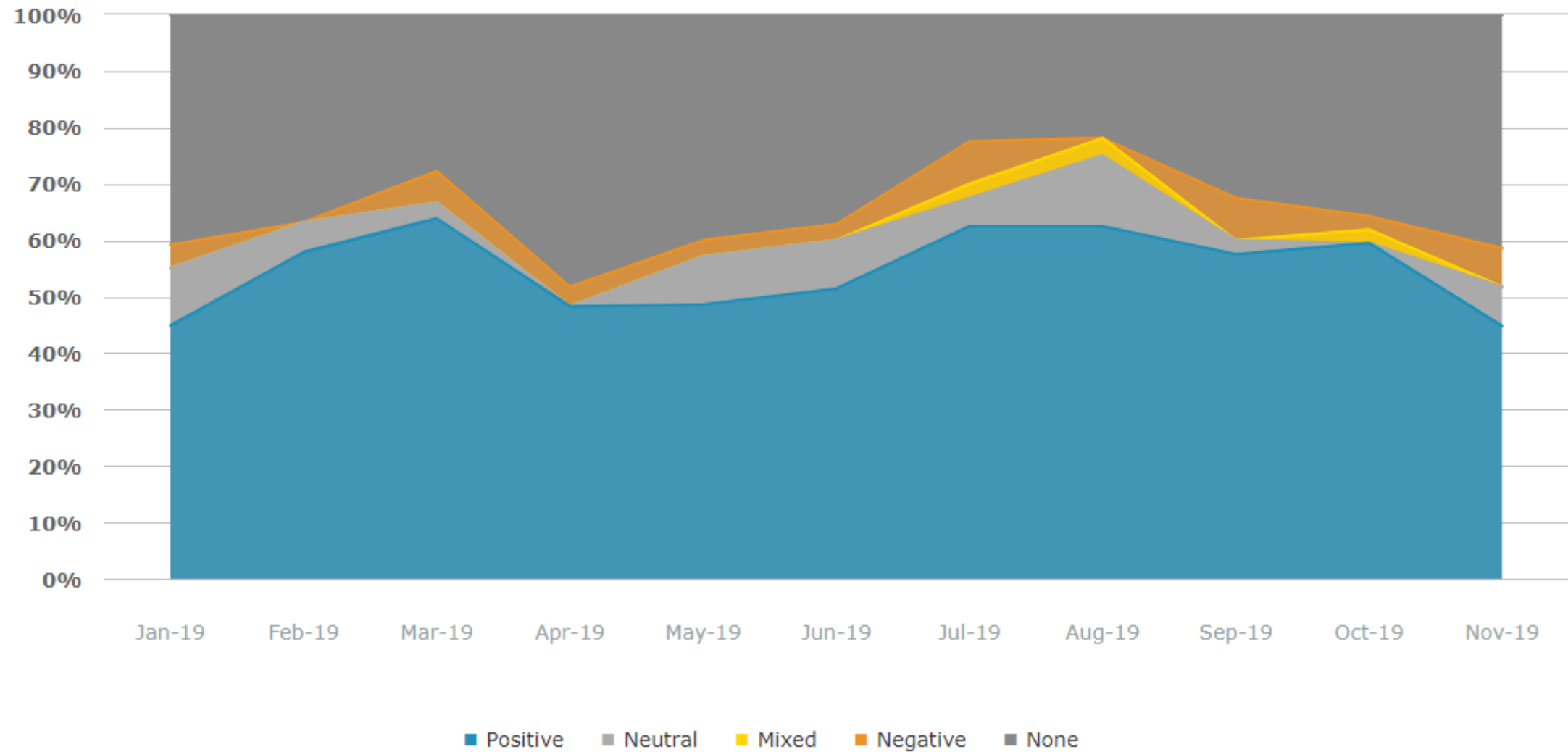
POSITIVE			
Mixed	Neutral	Positive	Negative
0.00%	0.34%	99.61%	0.05%

Staff Attitude (Friendliness, Professionalism & Willingness to Help) **82.41%:** Staff Attitude (Friendliness, Professionalism & Willingness to Help)

Staff Knowledge, Efficiency & Expertise **14.63%:** Staff Knowledge, Efficiency & Expertise

0.78%: Staff Communication and Responsiveness

Sentiment Trend



Cena?

Service	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020
Comprehend (\$)	21.25	24.59	23.51	57.19	28.15

2019	9	11072
2019	10	13860
2019	11	12270
2019	12	13770
2020	1	13350

Wady i zalety

Koszt

Skalowalność

Szybkość wdrożenia

Brak możliwości modyfikacji

Może zniknąć

Nie brzmi tak dobrze w CV



```
{ "No errors" :  
  [ "Amazon": "Negative", "Google": "positive 0.5" ] }  
  
{ "none!!!!!!!!!" :  
  [ "Amazon": "Negative", "Google": "neutral 0" ] }  
  
{ "Nothing everything good." :  
  [ "Amazon": "Negative", "Google": "negative -0.4" ] }  
  
{ "No improvement needed" :  
  [ "Amazon": "Negative", "Google": "neutral 0" ] }  
  
{ "She did well. No suggestions." :  
  [ "Amazon": "Negative", "Google": "neutral 0" ] }
```

```
{ "nothing" :  
  [ "negative": "0.4106", "neutral": "0.4772" ] }  
  
{ "Nothing." :  
  [ "negative": "0.5984", "neutral": "0.3081" ] }
```

NEGATIVE	0.020813	0.598375	0.308079	0.072732	2018-12-19 19:28:39	Nothing.
NEGATIVE	0.096335	0.732659	0.108559	0.062447	2018-11-05 15:38:36	Raquel did well. I informed her at the time th...
NEUTRAL	0.024249	0.410644	0.477243	0.087863	2018-12-19 23:18:40	nothing

 /pawel-dulak/

 /pdulak

pawel (at) dulak.pl