MONEY MONEY MONEY

EMOTIONAL AND SUBSTANTIVE CONTENT ANALYSIS

MAIN TASK

MEGOGO

User time is very valuable, so we need to show him what he wants as soon as possible. When it is not possible to watch a live broadcast of the event, the user is looking for a **short excerpt** with the **brightest moments** and **emotions of the participants**. To do this, we need the mechanics of video analysis by criteria, as well as a system of **combining the right moments of the video into one track**.

- Short excerpt
- Brightest moments
- Emotions of the participants
- Combine the right moments of the video into one track

48% 20% 32% NEED VIDEO SUMMARRY TO WATCH

Why is it Needed?

We conducted our own research in which we asked the representatives if they would like to see a short summary from the main event and how relevant it is for them.

MY APPROACHES

- Spectral analysis
- Fourier analysis
- Get mask replays in video



BEST APPROACH

- Video2Audio
- Audio2Text (SpeechRecognition system)
- Concatenation video frames

RESULT

Time Reducing x10

```
Trom 421.50 Sec to 429.99 Sec, confidence is 100.0
'christiano
                      from 430.02 sec to 430.74 sec, confidence is 100.0
'ronaldo
                      from 430.80 sec to 431.46 sec, confidence is 100.0
                      from 431.91 sec to 432.12 sec, confidence is 100.0
'has
                      from 432.12 sec to 432.57 sec, confidence is 100.0
'scored
                      from 432.63 sec to 433.38 sec, confidence is 100.0
'seven
                      from 433.53 sec to 434.28 sec, confidence is 100.0
'penalties
'for
                      from 434.46 sec to 434.76 sec, confidence is 100.0
                      from 434.79 sec to 435.33 sec, confidence is 100.0
'portugal
                      from 435.42 sec to 435.51 sec, confidence is 100.0
'but
"he's
                      from 435.51 sec to 435.66 sec, confidence is 100.0
                      from 435.66 sec to 435.90 sec, confidence is 100.0
'scored
'only
                      from 435.90 sec to 436.11 sec, confidence is 100.0
'three
                      from 436.11 sec to 436.53 sec, confidence is 100.0
                      from 436.53 sec to 437.13 sec, confidence is 100.0
'goals
'in
                      from 437.55 sec to 437.67 sec, confidence is 100.0
'his
                      from 437.67 sec to 437.79 sec, confidence is 100.0
'previous
                      from 437.79 sec to 438.33 sec, confidence is 100.0
'thirteen
                      from 438.42 sec to 439.47 sec, confidence is 100.0
'world
                      from 439.53 sec to 440.04 sec, confidence is 100.0
```





Portugal vs Spain | 2018 FIFA World Cup | Full Match

Why this solution is the best?







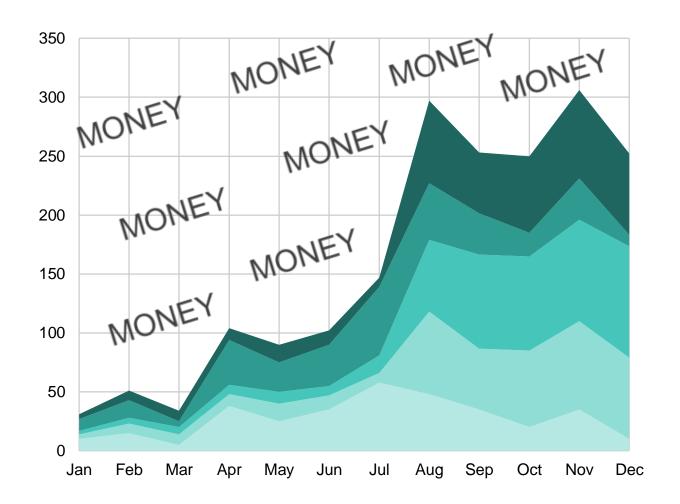
Versatility

20+ Languages

Minimum improvements

MONEY MONEY MONEY?

- B2C
- B2B





EXECUTIVE PERSON

Oleksandr

Maistrenko

THANKS FOR YOUR ATTENTION