POLISH NLP MEETUP #1

14.05.2020

To spotkanie jest nagrywane | This meeting is being recorded

Livestream: https://youtu.be/PyLRJwJFIBQ

AGENDA

- KLEJ Bechmark (Piotr Rybak, Allegro)
- Introduction to BERT and learnings from training Polish BERT (Darek Kłeczek)
- Training a Polish language model and using it in a classifier: Polberta (Marcin Zabłocki)
- Question answering in Polish (Henryk Borzymowski)

INTRO TO BERT AND POLBERT

Darek Kłeczek

ABOUT ME

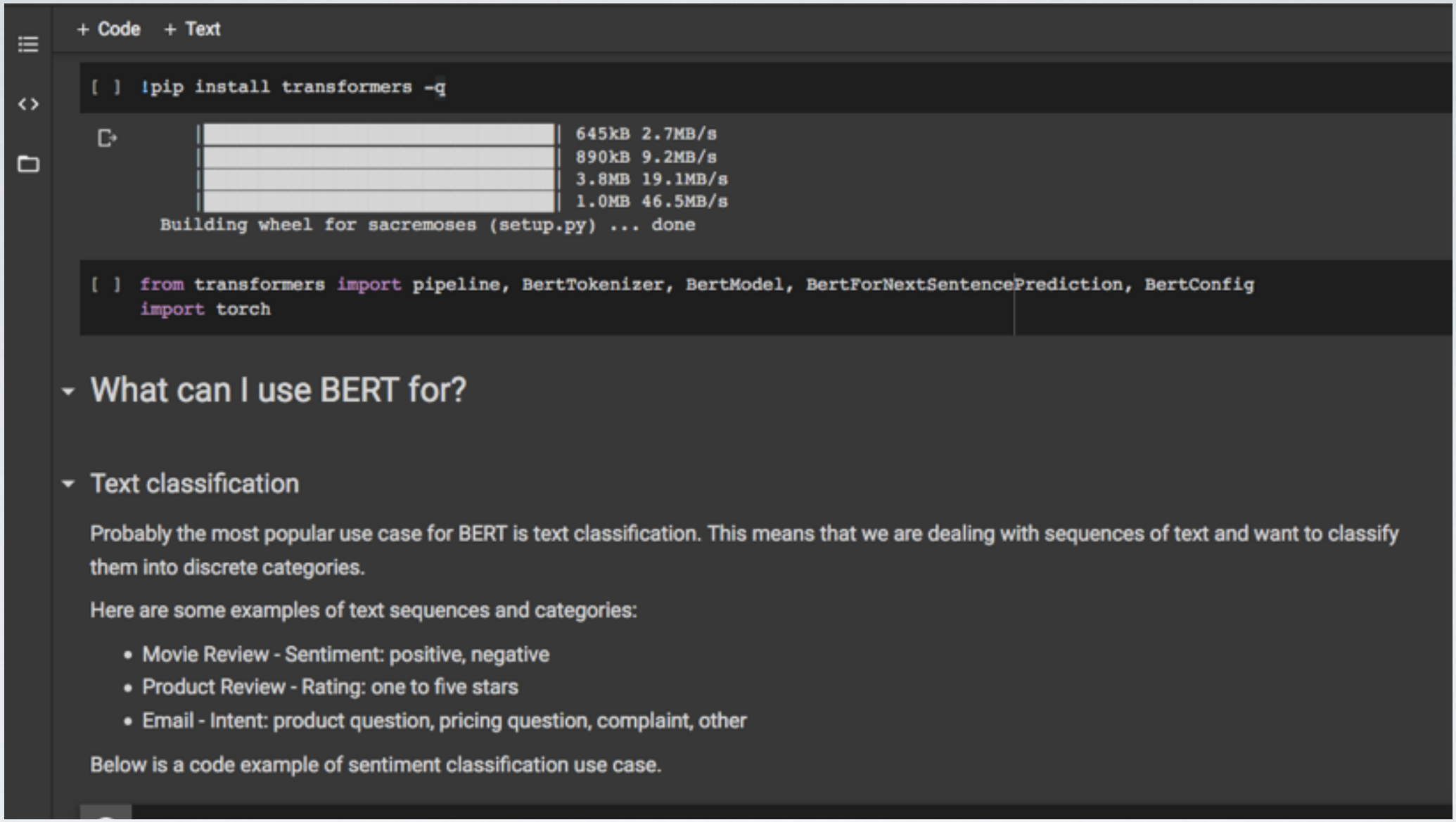
- Intelligent Automation at P&G
- Married, with a 3-year old daughter
- ML | Kaggle | Kung Fu in the remaining time
- Online educated in ML:
    - Andrew Ng / Coursera
    - Jeremy Howard / Fast.ai
- Projects: Polish NLP
    - Generate nursery rhymes
    - Compare press coverage from different sources
    - Polish BERT (first to make publicly available?)

Twitter: @dk21

Blog: skok.ai

SEISMIC SHIFT IN NLP

- Transformers winning every recent Kaggle NLP competition
- Transformers lead every (?) NLP benchmark
- Models getting bigger and bigger
- Some LSTM resistance (ULMFiT, SHA-RNN)



INTRO TO BERT

https://skok.ai/2020/05/11/Top-Down-Introduction-to-BERT.html

TRAINING POLBERT

1. Code: Google, HuggingFace
2. Corpus!!!!
3. Tokenization and accents
4. Hardware / TPU
5. Evaluation (thank you for KLEJ!)

https://github.com/kldarek/polbert