

Neuronové sítě pro detekci a objevování témat v textu

Vojtěch Brhlík

Vedoucí: Ing. Michal Hradiš, Ph.D.



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I'm a 34-year-old living in Major City, USA, with my wife and dog. We've been married for ten years, and my 35th birthday is approaching. Despite living away for thirteen years, I stay connected with my family, regularly calling and visiting "home." Last year, my wife and I even spent our anniversary vacation visiting them.

Despite my efforts, my mom hasn't visited us in 17 years. Today, I confronted her again, and she cited the death of a random old lady in her area as a current struggle. It's disheartening to feel like she cares more about strangers than her own son.



ChatGPT

json

Copy code

```
{"Topics": ["family", "relationships"]}
```

```
LABEL2ID = {  
    "arts_&_culture": 0,  
    "business_&_entrepreneurs": 1,  
    "celebrity_&_pop_culture": 2,  
    "diaries_&_daily_life": 3,  
    "family": 4,  
    "fashion_&_style": 5,  
    "film_tv_&_video": 6,  
    "fitness_&_health": 7,  
    "food_&_dining": 8,  
    "gaming": 9,  
    "learning_&_educational": 10,  
    "music": 11,  
    "news_&_social_concern": 12,  
    "other_hobbies": 13,  
    "relationships": 14,  
    "science_&_technology": 15,  
    "sports": 16,  
    "travel_&_adventure": 17,  
    "youth_&_student_life": 18  
}
```

- Porovnání vlastního modelu s veřejně dostupnými předtrénovanými modely
- Návrh metody či rozšíření existující metody pro identifikaci a detekci témat v textu.
- Trénování modelu na českém datasetu od semANT
- Tvorba textové části práce
- Natočení videa prezentujícího výsledky práce

```
Enter text: Tomorrow I'm doing a presentation on my bachelor's  
thesis. Hopefully nothing goes wrong.  
Predictions: ['learning_&_educational']
```

```
Enter text: Today's match was super exciting! The score was very close  
up till the last minute, too bad Eagles didn't win in the end.  
Predictions: ['sports']
```

```
Enter text: My boyfriend eats Mac'n'Cheese every weekend, how is he not getting  
sick of it by now? I'm worried for his health and my sanity.  
Predictions: ['diaries_&_daily_life', 'food_&_dining', 'relationships']
```