

## Abstract

1. Display Advertising project
2. Reddit project

## Description

### 1. Display Advertising project

I finished the model code. Also I wrote the code for a better preprocessing of data, so the model would train faster. Now OutBrain dataset is a 4GB file ready for feeding to the model.

### 2. Reddit project

We had a meeting with Hamid. We discussed target conferences and came up with 4:

- ACM SIGKDD (Knowledge Discovery and Data Mining) 2021/~13/Feb
- Artificial Intelligence and Statistics 2020/~8/Oct
- ACM (Web Search and Data Mining) 2020/=16/Aug
- ACM (Recommender Systems) 2021/~1/Jun

I think we won't make it for the WSDM conference, but if Hamid helps us with the writing, maybe we can manage to finish it for the AISTATS 2020.

I also read the GAT paper [1] again, And discussed about its Multi-Head attention with Sadegh in more detail.

## Next Week

### • Display Advertising project

Write and run the training loop. Get results on OutBrain.

### • Reddit project

Have meeting with Hamid about new recruits and decide the target conference.

Start research loop with help of Sadegh (Read papers -> Get idea -> Modify idea to fit our work -> Implement -> Analyze the result and find the weaknesses -> Read more papers...)

## References

- [1] P. Veličković, G. Cucurull, A. Casanova, A. Romero, P. Liò, and Y. Bengio, "Graph Attention Networks," arXiv:1710.10903 [cs, stat], Feb. 2018, Accessed: Jul. 11, 2020. [Online]. Available: <http://arxiv.org/abs/1710.10903>.