

Abstract

1. Display Advertising project
2. Reddit project
3. CTB project

Description

1. **Display Advertising project**

I had a meeting with Abbas. He asked me to accurately declare my base paper, the main paper that I got my idea from it, and the State Of The Art papers which I can compare my work with. He also asked me to write a parameter complexity analysis on my model.

I couldn't work much because I was sick.

2. **Reddit project**

I read the GGS-NN paper [1].

It contained a lot of useless information but it gave some intuition about other tasks which can be tested on graphs. I always appreciate good intuition.

I also studied about BERT to help Sadegh understanding the structure of it. I watched some videos but they aren't finished yet.

3. **CTB project**

I worked a lot on the App and wrote hundreds of lines of code and its in the final stages.

Next Week

• **Display Advertising project**

Do parameter complexity analysis and write it down in thesis format.

Send base ([2]), main idea ([3]) and competing (?) papers to Abbas. (I think I need help about finding SOTA papers.)

• **Reddit project**

I should finish the BERT videos and somehow meet Sadegh and talk about it.

We got the code by authors of the Dual GCN paper. We just need to feed our data into that code and get results.

• **CTB project**

Finish the app.

References

[1] Y. Li, D. Tarlow, M. Brockschmidt, and R. Zemel, "Gated Graph Sequence Neural Networks," arXiv:1511.05493 [cs, stat], Sep. 2017.

- [2] S. Rendle, “Factorization Machines,” in 2010 IEEE International Conference on Data Mining, Sydney, Australia, 2010, pp. 995–1000, doi: 10.1109/ICDM.2010.127.
- [3] X. He, L. Liao, H. Zhang, L. Nie, X. Hu, and T.-S. Chua, “Neural Collaborative Filtering,” arXiv:1708.05031 [cs], Aug. 2017.