



Abstract

1. Display Advertising project
2. Reddit project
3. CTB project
4. SLT TA

Description

1. Display Advertising project

I read AFM [1] and NFM [2] papers. I also wrote down the differences of them to my work and potential advantages of my idea against their's.

2. Reddit project

I started reading BGNN [3] paper.

I also took a look at its implementation but couldn't understand much.

3. CTB project

I added zoom and pan functionalities to the app.

4. SLT TA

I read about Dirichlet Process and Chinese Restaurant Process.

I defined a quiz (#3).

Next Week

- **Display Advertising project**
Find relevant papers to my work and read them.
- **CTB project**
Finish the app.
- **Reddit project**
Read BGNN paper and try to run its implementation.

References

- [1] J. Xiao, H. Ye, X. He, H. Zhang, F. Wu, and T.-S. Chua, "Attentional Factorization Machines: Learning the Weight of Feature Interactions via Attention Networks," in Proceedings of the Twenty-Sixth International Joint Conference on Artificial Intelligence, Melbourne, Australia, 2017, pp. 3119–3125, doi: 10.24963/ijcai.2017/435.
- [2] X. He and T.-S. Chua, "Neural Factorization Machines for Sparse Predictive Analytics," arXiv:1708.05027 [cs], Aug. 2017.
- [3] C. He et al., "Bipartite Graph Neural Networks for Efficient Node Representation Learning," arXiv:1906.11994 [cs, stat], Sep. 2019.