

Abstract

1. Work on DL Final Project
2. Review reddit project and have meeting with B.S. students.
3. Image Processing Final Project (Review and implement and write)
4. SLT Final project

Description

1. Work on DL Final Project

I finished DL course final project.

2. Review reddit project and meeting with B.S. students.

I reviewed reddit project and had a meeting with B.S. students. I discribed the problem and the current state of our research on detail. We studied GCN methods together and had some discussion with Emran Talezadeh and Mahsa Ghorbani anout other kinds of GCNs. Me and B.S. students started to work on ideas about getting data.

3. Image Processing Final Project (Review and implement and write)

I read the paper *Non Local Neural Networks* [1] for IP course final project. This method can help producing new ideas in my own M.S. project too.

4. SLT Final project

Me and Rassa Ghavami studied some papers including *Mixing Dirichlet Topic Models and Word Embeddings to Make lda2vec* [2] and started to implement preprocessing step of SLT course final project.

Next Week

- Reddit project
- Display Advertising project
- Image Processing final project (Create presentation and present)
- SLT Final project (Create idea and implement and present)
- SLT Presentation 5 - Interpretable Learning 2 (read and present)
- DL final project (presentation)

References

[1] Xiaolong Wang et. al., *Non Local Neural Networks*, Arxiv

[2] Christopher Moody, *Mixing Dirichlet Topic Models and Word Embeddings to Make lda2vec*, Arxiv