



Weekly Report

July 18, 2020

Mohammadreza Rezaei
morezaei@ce.sharif.edu

Report No. 88
99/04/21- 99/04/27

Abstract

- 1. Display Advertising project
- 2. Reddit project

Description

1. Display Advertising project
 I finished implementation of my model and trained it on the prepared data of OutBrain dataset.
 I visualized the learned embedding space of geo-location feature of the dataset. It was even better than expected, proving our model performs as intended.
 I had a meeting with Abbas and Hamid, in which we discussed the further plans.
 I added AUC metric to the model. Also plotted the ROC curve.

2. Reddit project
 Me and Sadegh had a meeting and talked about the details. I'm worried about future of this research because Sadegh is starting his full-time internship so he wouldn't have much time to spend on this project.
 Hamid has told me that he would set a meeting with the candidates to decide who will be joining us. But that meeting haven't been set yet because of the final exams. Hamid has sent me one resume, so we wait for the rest.

Next Week

- **Display Advertising project**
 Create a standard train-validation-test split on the OutBrain dataset. I should work on that from now on.
 Try to implement the MAP@K metric.
 Start to prepare Avazu dataset.
- **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