REPORT: FEDERATED LEARNING OF OUT-OF-VOCABULARY WORDS

ZHENSHUAI XU AND GANG LI

ABSTRACT. This week, I mainly completed the kaggle competition, submitted python-related code and report code on github, but encountered some problems

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Date: (None).

1. Kaggle Competitions

Continuing the code from last week, this week, I completed the analysis of the project time series, feature extraction, and model training.

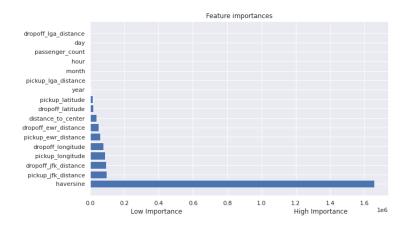


Figure 1. Importance Visualization

2. Learning LA

This week I learned the knowledge of flip00's linear algebra course, deepened my understanding of matrices, and methods such as matrix decomposition

L = 5×5				
1.0000	0	0	0	0
0.7391	1.0000	0	0	0
0.4783	0.7687	1.0000	0	0
0.1739	0.2527	0.5164	1.0000	0
0.4348	0.4839	0.7231	0.9231	1.0000
U = 5×5				
23.0000	5.0000	7.0000	14.0000	16.0000
0	20.3043	-4.1739	-2.3478	3.1739
0	0	24.8608	-2.8908	-1.0921
0	0	0	19.6512	18.9793
a	a	Q	0	22 2222

Figure 2. LU

3. Github

- Github
 - Submit python code
 - Submit report code

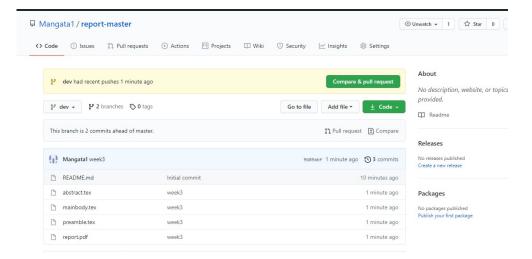


Figure 3. Github

4. Otherwork

- 1.Learned some knowledge of python and data visualization
- (A. 1) SCHOOL OF COMPUTER SCIENCE,, JILIN UNIVERSITY, CHANGCHUN 130012, CHINA *Email address*, A. 1: zsxu@tulip.academy
- (A. 2) School of Information Technology, Deakin University, Geelong, VIC 3216, Australia

 $Email\ address,\ A.\ 2:\ {\tt gang.li@deakin.edu.au}$