Digital Media Laboratory

Weekly Report

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Abstract

I started the execution of my learning model on the AOL data set. The execution completed and weights were obtained. However, results are not evaluated by metrics yet.

Description

First, the data was sliced into train, validation, and test with a ratio of 6:1:1. Then for Skip-Gram implementation, entries with no subsequent clicks were removed. Moreover, the minimum occurrence frequency for Queries was set to 15, and for URLs was set to 40. Three files contain the code for this part; AOL_Data_Split, AOL_Search2Vec, and AOL_Evaluation. The link to the folder containing codes and data are shared and also available here.

A new piece of code was needed to extract sessions in the test dataset. These sessions are required for the calculation of the evaluation metrics. The implementation is not completed yet but will be soon.

Next Week

- Finishing the evaluation and testing personalization ideas on the data.

References