



## Weekly Report

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Ali Jandaghi Alaei  
alialaei98@gmail.com

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### Abstract

1. Beginning steps of Search2Vec implementation on datadays dataset

### Description

1. First, the code for extraction of the most frequent queries and clicks corresponding to them is written a new google collaboration. Outputs saved into .csv files to drive. In an another new google collaboration, basic steps of skip-gram method is under construction. Until now, positive samples are derived from data sets.

### Next Week

1. Continuation of the skip-gram implementation, in order to get a basic result of query and product embedding.
2. Testing the performance of the model using K nearest neighbours using embedding space (with TensorFlow projection)

### References