Report for Lab #4
team "Researchers"

MT error Analysis

Most of the errors in our results were caused by fact, that machine used synonyms, which have a little *different meaning* and it changes sense of the sentences.

Examples:

1. Our ability to help create asset-based services can result in faster time to value.
   Our ability to help create valuable services can result in faster values.

2. Increase the efficiency and effectiveness of your IT infrastructure.
   Increase the performance and effectiveness of your IT infrastructure.

3. Business continuity is vital to business success.
   Business stability is vital business success.

4. The EU provides more than half of all development aid.
   The EU gives more than half of all development aid.

5. A new phenomenon loomed in the shadows: the internet.
   New phenomena spelled in the shadows: Internet.

Other mistakes - several times some words were *missed* or was used *incorrect tense*.
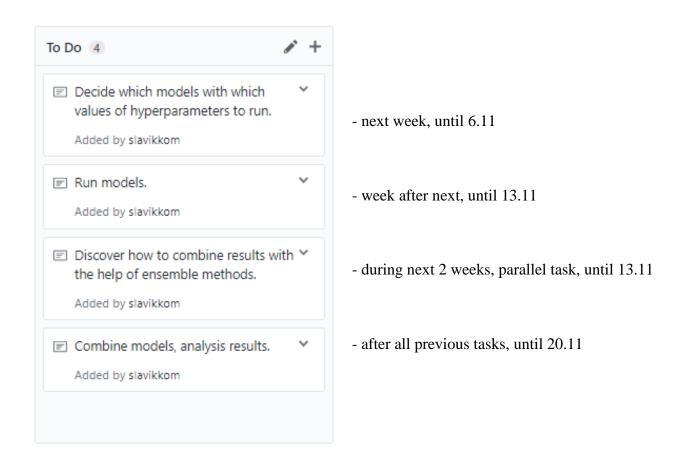
How to fix

We suppose, that using of *ensembles method* can improve our result.

The main idea – several results can give us different synonyms of unobvious word, so, we can choose the most common variant, which probably has closest meaning.

We are planning run several models with different values of hyperparameters and combine their results.

Schedule

To Do 4

Decide which models with which values of hyperparameters to run.
Added by slavikkom

- next week, until 6.11

Run models.
Added by slavikkom

- week after next, until 13.11

Discover how to combine results with the help of ensemble methods.
Added by slavikkom

- during next 2 weeks, parallel task, until 13.11

Combine models, analysis results.
Added by slavikkom

- after all previous tasks, until 20.11

20.11 – Intermediate report

Couple of weeks to fix model and create final version