

## Readme

Unfortunately, dataset EMNIST is 600 MB and it can not be updated in icef info. I sent dataset via email [fabian.slonimczyk@gmail.com](mailto:fabian.slonimczyk@gmail.com)

Code works without dataset, but if you want to re-learn network, it required.

1. Folder “data” – EMNIST dataset
2. Emnist\_lettes\_new.h5 – neural network saving
3. Emnist\_letters.h5 – neural network saving
4. Folder “img” – place for cropped images
5. Folder “pdf” – ISDA documents saving
6. Report – final report
7. Requirements.txt – txt file with all required libraries Attention: program works if downgrade tensor flow: tensorflow==2.0.0 tensorflow-estimator==2.0.1
8. Result\_X\_hours.csv – results of the code

You can use `pip install -r requirements.txt` in the current directory `text_analyzer`. To achieve it, you can use commands for linux/mac OS

`Cd Downloads` `Pwd` `Cd text_analyzer` `ls -l`

(if the downloaded and unarchived project in folder “Downloads” ) (Check the path) (go to text analyzer directory) (Check files)

`pip install -r requirements.txt` (installation) or you can put project in the base directory

video report presentation + installation a little bit longer – 7 minutes first part is 4.33 minutes is presentation

second part is installation and working process of the code

you can skip last part if you want

If you have any questions [dmitryevam@gmail.com](mailto:dmitryevam@gmail.com)