

The goal of this project is to design and train NN, that can identify whether a video clip of sport event (mostly football) is a highlight and if it is tell to which class this clip belongs.

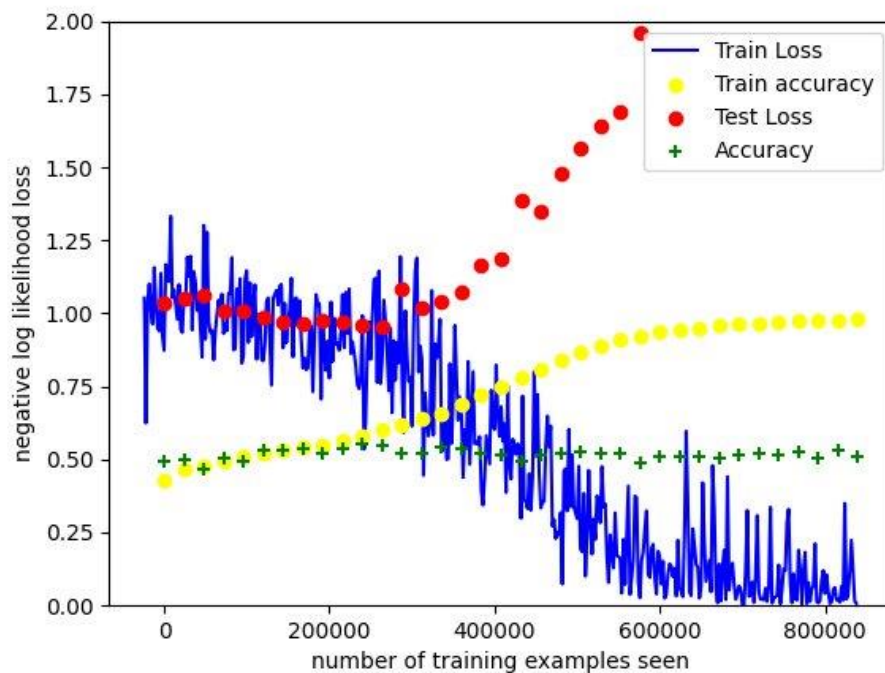
Progress:

Before Mar 2025:

1. Read Literature
 - 1.1. <https://www.mdpi.com/2076-3417/13/3/2007>
 - 1.2. https://ieeexplore.ieee.org/abstract/document/9563316?casa_token=R9HEYjIEJREA-AAAA:XA-wTloLmhagm7W-RTzt2Cckd1G-glRUJLj3EYzhxtFU84-o-GWTPmavAfSGOuQh0W4CtRQKtyYuSo
 - 1.3. More...
2. Familiarized myself with Pytorch
3. Created conda environment on university server
4. Processed data

Mar 2025:

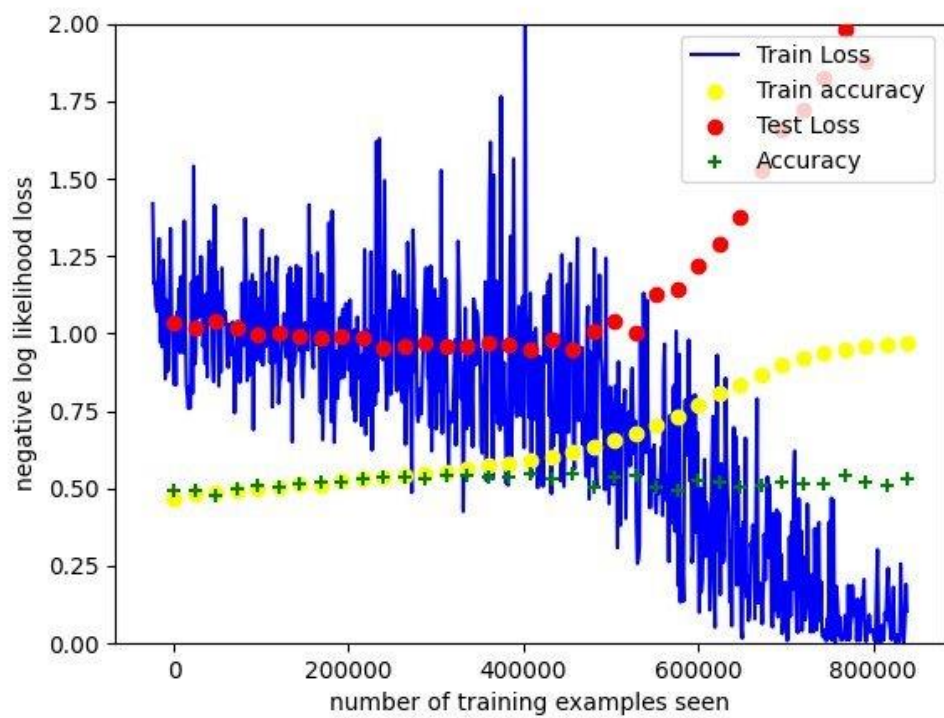
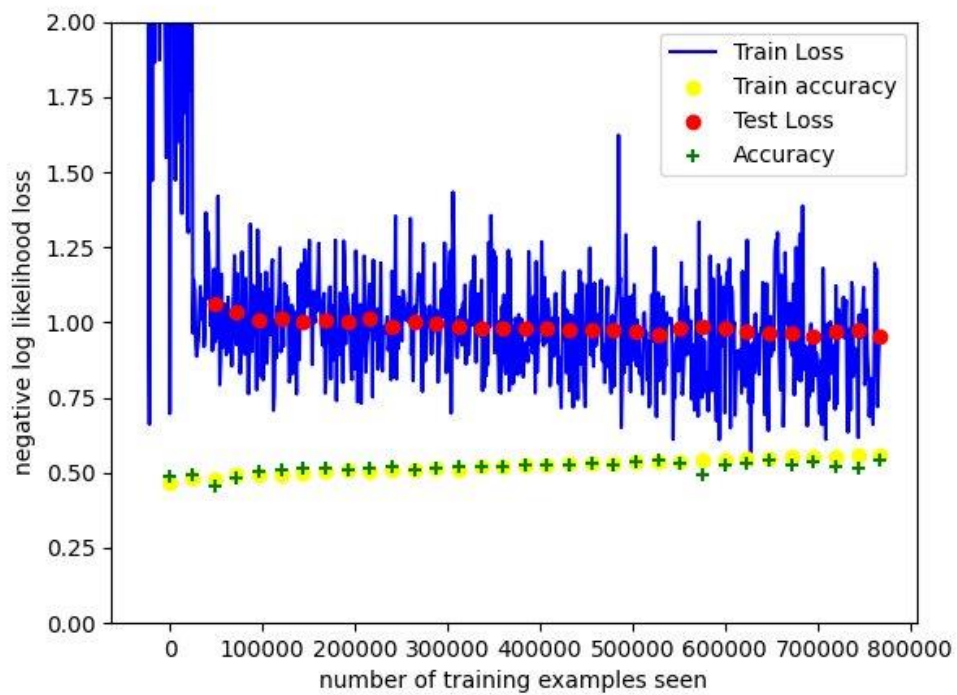
1. Created and tested NN based on pretrained ResNet-18
 - 1.1. Test2 in github

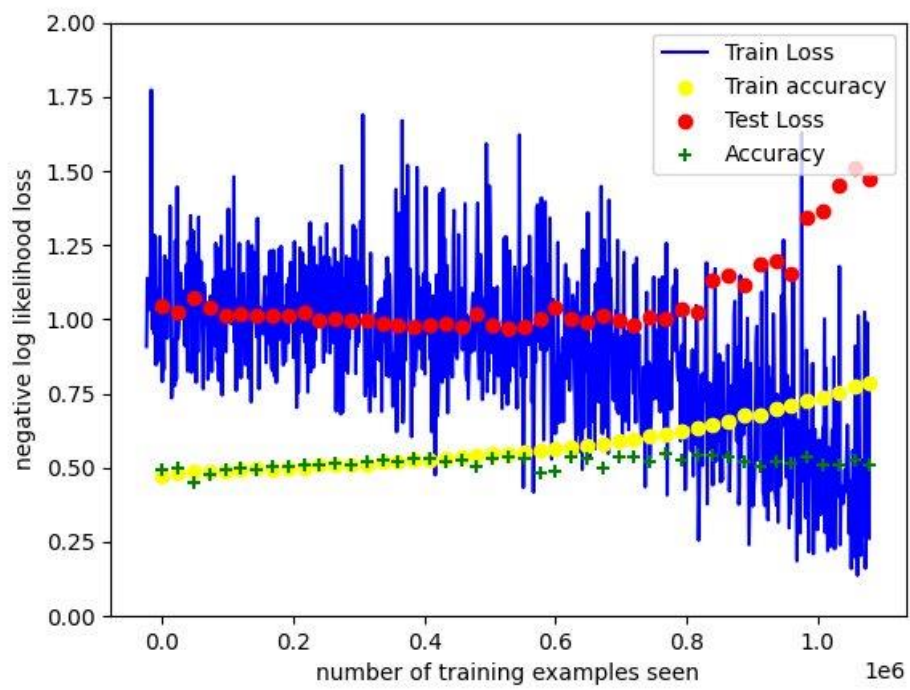


2. Expanded processed data form 15 000 clips to 30 000

Apr 2025:

1. Testing various implementations of resnet architecture using 3d convolution layers (test 3-5)





May 2025:

TBD