## Konvertierung

February 12, 2021

Script for converting a trained model (see Script Training\_CIFAR.py) to a TensorFlow-Lite-Model without optimization

 $Based\ on\ https://www.tensorflow.org/api\_docs/python/tf/lite/TFLiteConverter$ 

```
[2]: import tensorflow as tf
[1]: #Choose parameters of the trained model to be converted (see script_{\sqcup}
     \hookrightarrow Training\_CIFAR)
     Dataset = 2
     Model
            = 2
     Epochs = 100
     Batch
             = 32
[3]: #Convert the model
                 = tf.lite.TFLiteConverter.from_saved_model("saved_model/"+"Dataset_
      →%s Model %s Epochs %s Batch Size %s" %(Dataset, Model, Epochs, Batch))
     tflite_model = converter.convert()
[4]: #Save the model.
     with open('model1.tflite', 'wb') as f:
       f.write(tflite_model)
[]:
```