

Assignment 3

Feedback CNN

Machine Learning Algorithms

Erstellt von:

Daniel Wagermaier

Leoben, 22.01.2023

Feedback

How clearly written and comprehensible is the submission in general?

The assignment is written very straightforwardly. Some people may like the complete separation between code and text since the text can be read fluently. However, I don't like it, as this takes away some of the advantages of a jupyter notebook.

How easy is it to understand the results described in the submission?

The description lacks some information since the code section is followed by the text section where things are explained. Nevertheless, the writing, in general, is easy to understand. The same goes for the code even. However, here I would recommend staying consistent and putting spaces when assigning values to variables.

```
cnn.compile(  
    #optimizer='rmsprop',  
    optimizer=Adam(learning_rate = 0.001),  
    loss='categorical_crossentropy',  
    #loss = keras.losses.SparseCategoricalCrossentropy,  
    metrics=["accuracy"]  
)  
return cnn
```

How convincing is the experimental setup?

The experimental setup looks convincing! Only "method="beta'" was a bit confusing at the beginning since I calculated the confidence interval manually without proportion_confint(). But after a short google search, everything was clear to me.

How do the authors justify their conclusion? Are you convinced? Which questions have not been addressed by the authors?

In general, I am convinced of what the group submitted, and all questions have been answered.

Summarize the quality of the submission.

Apart from minor things, there isn't much to criticize in this assignment. Only the import cell was not marked Calc, which was a bit confusing why testing the notebook failed at the beginning. But due to the length of the notebook, this wasn't a big problem.