1 Code References in the Appendix

1.1 14 Python

1.1.1 14.1 Reading the Training Data from the Files

Partial code taken from [1].

1.1.2 14.2 Reading the Testing Data from the Files

Partial code taken from [1].

1.1.3 14.3 Deep-learning Model

Partial code taken from [2]

1.1.4 14.4 Training the Model

Partial code taken from [2]

1.1.5 14.5 Evaluating the Model

Partial code taken from [2] and [3]

1.1.6 14.6 Training History

Code taken from [2]

1.1.7 14.7 Receiving the Data on the COM PORT and Saving it into a Text File

Partial code taken from [4]

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