Week 10 Report

Neural Network 01

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The code of this week is as shown in Figure 1. Here I changed several parameters and I added layers of the network. The result showed that ‘adam’ for the optimizer and ‘sparse\_categorical\_crossentropy’ for the loss function leads to the best result. After 20 epohs, the accuracy reached 99.76%. The results are as shown in Figure 2.

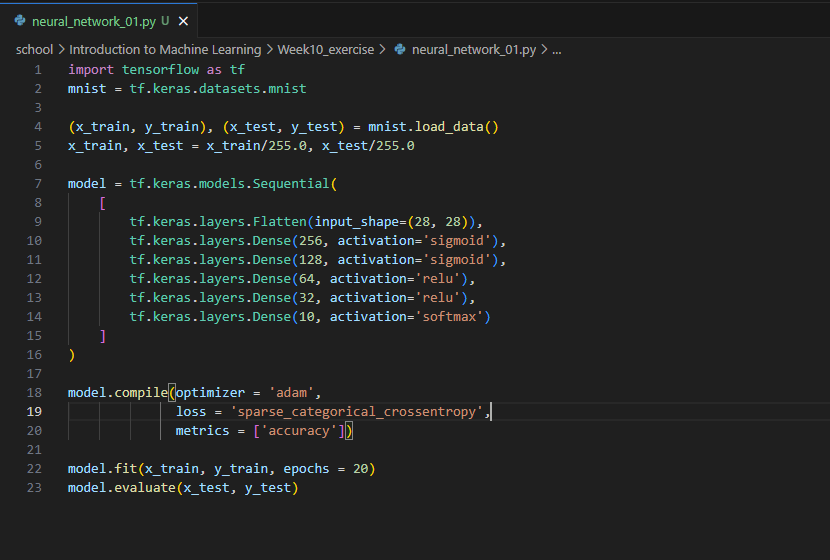


Figure 1. Code

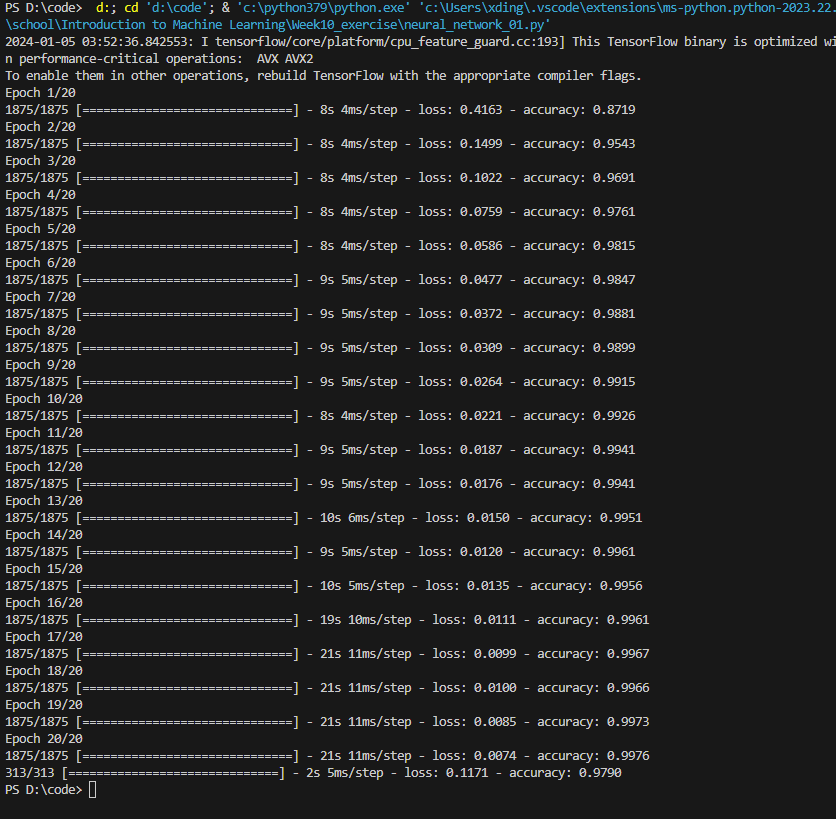


Figure 2. Results