CCBDA HW3 Anomaly Detection (Autoencoder)

Student ID: 310551090

Name: 曾敏峰

Method: (brief description, do not exceed half page) (ex. data processing, model architecture, training parameter, …)

|  |
| --- |
| data processing : specify different seq\_len to fit each sensor’s data.  model architecture : 2 LSTM for encoder, 2 LSTM and 1 fc for decoder  training parameter :  lr : 5e-4 \* batch\_size (Linear Scaling Rule)  min\_lr : 1e-6  epochs : 800  clip\_grad : 3  data\_seq\_len : [120, 20, 100, 70, 120] |

Reference: (Specify the source of your code.)

|  |
| --- |
| https://github.com/chrizchow/MLHelloWorld/blob/main/LSTMAutoencoder/HeartbeatAutoencoder.ipynb |