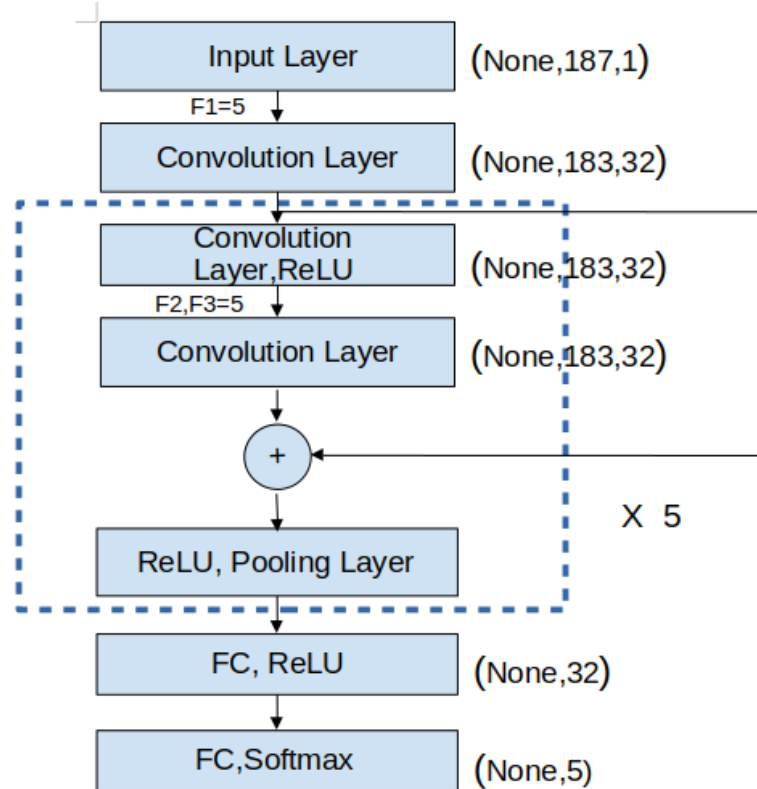


Machine Learning for Signal Processing and Pattern Classification

SIMRAN

Modify the following architecture with the given data and implement the same for one epoch and compute the confusion matrix, precision, recall, f1-score and ROC curve.



In the data folder (DB1), _met text file contains the class information and _dat test file contains the time, ECG and PCG data respectively. Use the ECG data to implement the architecture. The length of the data can be reduced by down sampling/resampling the signal.

Present the architecture modified for the given data.