

A Novel Technique for Heart Disease Prediction Using a Hybrid Deep Learning Approach Based on BLSTM and BGRU

- Proposed a hybrid DL model known as BLSTM-BGRU
- The MITBIH dataset, which contains five different types of ECG signals, is used for the experimentation
- The BLSTM-BGRU hybrid DL model was tested on both balanced and unbalanced datasets
- The dataset consists of more normal class samples
- SMOTE dataset balancing technique utilized, which avoids the model overfitting problem and improves its efficiency

