ECGDeepNET: A Deep Learning Approach for Classifying ECG Beats
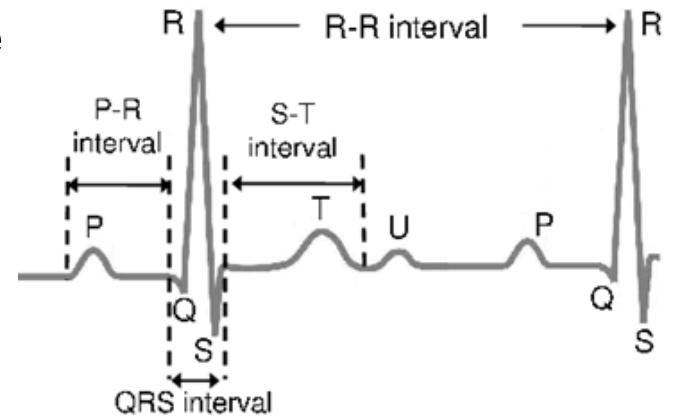
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- All ECG beats are extracted from the database of continuous beat stream

- After noise removal, 6 different types of data augmentation techniques are employed

- A Novel Deep Neural Network is proposed for ECG Beat Classification

- MIT BIH Database and PTB Database are used for performance analysis

An ECG Beat Stream