

CLASSIFICATION OF ARRHYTHMIA BY USING DEEP LEARNING WITH 2-D ECG SPECTRAL IMAGE REPRESENTATION

PROBLEM STATEMENTS

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1. According to the World Health Organization, most of the people has been dead because of cardiovascular diseases. So, people needs an application that will help us to know the heart rate status.
2. At any age group people may get affected by arrhythmia. Especially old age group people get affected easily.
3. Heart Arrhythmias may cause stroke, sudden death and heart failure. So, people needs an application which will intimate the abnormal status of heart (irregular heart beat).
4. People who are all supposed to suffer from the arrhythmia needs to know about the ECG spectrum classification. Then only they get to know about their heart rate status.
5. Sometimes people get affected by arrhythmia during heavy exercise, if the application dynamically intimates the individual's heart status then they will act according to that.
6. According to WHO, most of the people suffering from cardiovascular disease. So, People are busy with their life style who needs to know the classification of heart rate status (ECG Spectrum) because they are not supposed to go to the hospital for every moment to check their heart condition.