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| Date | 18 October 2022 |
| Team ID | PNT2022TMID21704 |
| Project Name | Classification of Arrhythmia by Using Deep Learning with 2-D ECG Spectral Image Representation |

**DATASET COLLECTION**

### **Dataset Collection**

Artificial Intelligence is a data hunger technology, it depends heavily on data, without data, it is impossible for a machine to learn. It is the most crucial aspect that makes algorithm training possible. In Convolutional Neural Networks, as it deals with images, we need training and testing data set. It is the actual data set used to train the model for performing various actions. In this activity lets focus of gathering the dataset

### **Download The Dataset**

Collected the datasets from different open sources like kaggle.com, data.gov, UCI machine learning repository, etc.

 The dataset used for this project is downloaded from this link- https://drive.google.com/file/d/16SUrk6lMaakmVf4axGNDub3joHl-XdBT/view

The dataset contains six classes:

1. Left Bundle Branch Block
2. Normal
3. Premature Atrial Contraction
4. Premature Ventricular Contractions
5. Right Bundle Branch Block
6. Ventricular Fibrillation