

Sprint-3

Application Building

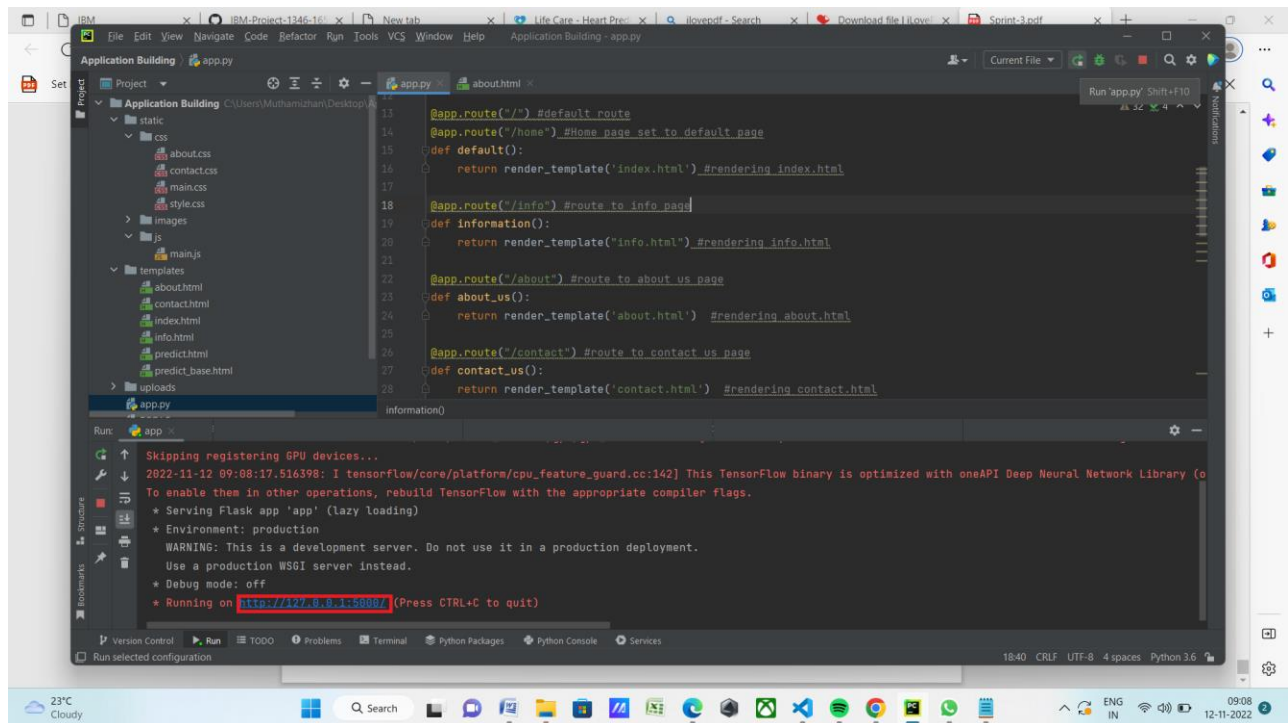
RUN THE APP

Date	11Nov 2022
TeamID	PNT2022TMID29187
ProjectName	Classification of Arrhythmia by Using Deep Learning with 2-D ECG Spectral Image Representation

TASK:

Run The App.

RUN ON LOCAL HOST (SCREEN SHOT):



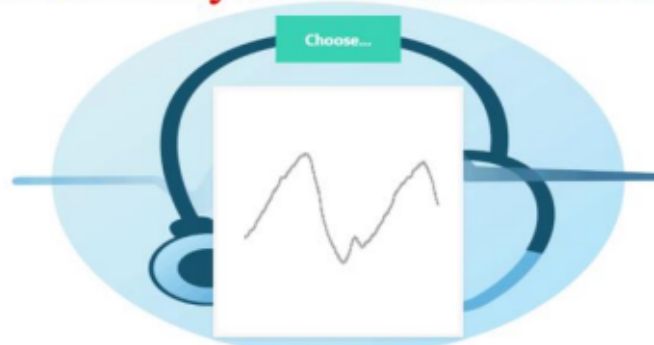
LOCAL HOST:

CLICK PREDICT (SCREEN SHOT)::

ECG Arrhythmia Classification



ECG Arrhythmia Classification



Result: Ventricular Fibrillation

GO TO UNKNOWN FILE (SCREEN SHOT):

c. Create a Project & Deployment space in the watson studio:

The screenshot shows the 'New project' form in IBM Watson Studio. The form is divided into two main sections: 'Define details' and 'Storage'. In the 'Define details' section, the 'Name' field is filled with 'Classification of Arrhythmia' and the 'Description' field is filled with 'Project description'. In the 'Storage' section, the 'Storage' field is filled with 'Cloud Object Storage-lj'. Below these fields, there are two checkboxes: 'Restrict who can be a collaborator' and 'Mark as sensitive', both of which are unchecked. At the bottom right of the form, there are two buttons: 'Cancel' and 'Create'.

IBM Watson Studio

Search in your workspaces

Buy

KALAKRITI KAMALAKKAN...

Dallas

KK

New project

Define details

Name

Classification of Arrhythmia

Description

Project description

Choose project options

☐ Restrict who can be a collaborator

☐ Mark as sensitive

Project includes integration with [Cloud Object Storage](#) for storing project assets.

Cancel Create

The screenshot shows the 'Classifications of Arrhythmia' dashboard in IBM Watson Studio. The dashboard has a top navigation bar with 'Deployments /' and a search bar. Below the navigation bar, there are five tabs: 'Overview', 'Assets', 'Deployments', 'Jobs', and 'Manage'. The 'Overview' tab is selected. The dashboard is divided into three main sections: 'Assets', 'Deployments', and 'Space activity'. The 'Assets' section shows a single asset 'CNN' created 4 days ago. The 'Deployments' section shows a summary of deployments: 1 Deployed and 0 Failed. The 'Space activity' section shows two events: 'Online deployment ready' and 'Online deployment created'. The 'Assets' section also has a 'View all (1)' link. The 'Deployments' section has a 'View deployments' link. The 'Jobs' section has a 'View jobs' link.

IBM Watson Studio

Search in your workspaces

Buy

KALAKRITI KAMALAKKAN...

Dallas

KK

Deployments /

Classifications of Arrhythmia

Overview Assets Deployments Jobs Manage

Assets

CNN
4 days ago

[View all \(1\)](#)

Deployments All

1 0

Deployed Failed

[View deployments](#)

Job runs

0 0

Active Failed last 24 hours

[View jobs](#)

Space activity

Online deployment ready
The online deployment **CNN** in space **Classifications of Arrhythmia** is ready to accept requests
Today at 10:38 AM

Online deployment created
You created online deployment **"CNN"** in space **Classifications of Arrhythmia**. You must wait for the deployment to enter ready state before submitting requests.
Today at 10:38 AM

CLICK ANY ECG PHOTO (SCREEN SHOT):

VENTRICULAR FIBRILLATION

A life-threatening heart rhythm that results in a rapid, inadequate heartbeat.

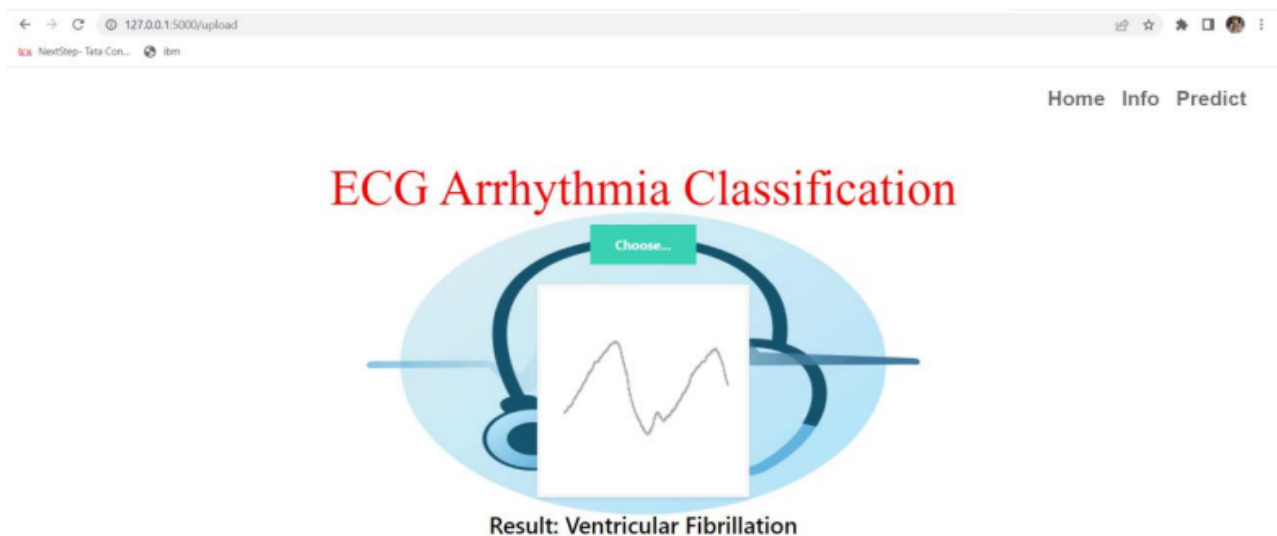
Ventricular fibrillation (VF) is a rapid, life-threatening heart rhythm starting in the bottom chambers of the heart. It can be triggered by a heart attack.

Because the heart doesn't pump adequately during ventricular fibrillation, sustained VF can cause low blood pressure, loss of consciousness or death.

Emergency treatment includes immediate defibrillation with an automated external defibrillator (AED) and cardiopulmonary resuscitation (CPR). Long-term therapy includes implantable defibrillators and medications to prevent recurrence.



CLICK PREDICT BUTTON (SCREEN SHOT):



← → 127.0.0.1:5000/upload

NextStep- Tata Con... itm

Home Info Predict

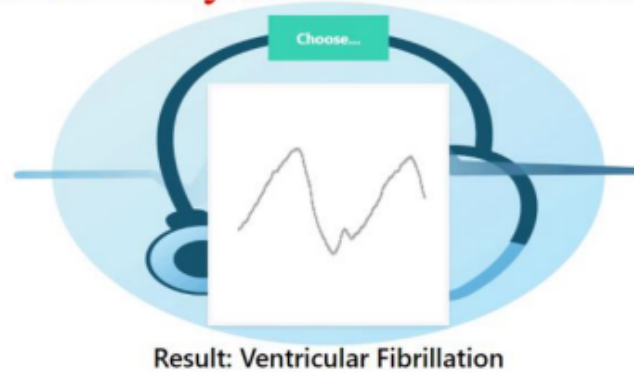
ECG Arrhythmia Classification

Choose...

Result: Ventricular Fibrillation

SHOW ON RESULT (SCREEN SHOT):

ECG Arrhythmia Classification



PREDICT THE CORRECT RESULT

ECG Arrhythmia Classification

