Institute of Business Administrtion

Center of Information & Communication Technology

Sno.	*Stud. ID*	*Names*	*Course Name*
1		MUHAMMAD SAAD	BDA
2		HAMZA ANSARI	
3		SAADULLAH KHAN WARSI	

Project Title:

Heart Disease Prediction and Analysis.

1. Motivation:

Machine learning evolving to our lives day by day, we are rally on machine results same as doctors are also consider the machine results as a second thought

2. Overview

2.1 Description of the Project

In this project, we will be using several datasets containing data for Heart Failure Diseases from Open Sources Such as Kaggle and Google, and apply multiple machine learning models to predict the possible occurrence of heart failure.
In this dataset we will predict the death event from behave of features and attributes using Machine Learning models and calculate the measurements from models, Also data analysis visualization.

2.2 Background of the Project

Heart Failure is one of the leading medical issue in the current era. With the growing number of Heart Failure cases in the past, several data bases have been developed which contains important features (data) that leads to or may have cause Heart Failure. With the data sets available on Kaggle we can perform Machine Learning on the medical data base and create Models that can predict possible heart failure for a patient at a critical time.

3. Functional Features

1) Feature - 1

Predict the results

2) Feature – 2

Results analysis

3) Feature -3

Performance score card on Power BI for visualization...

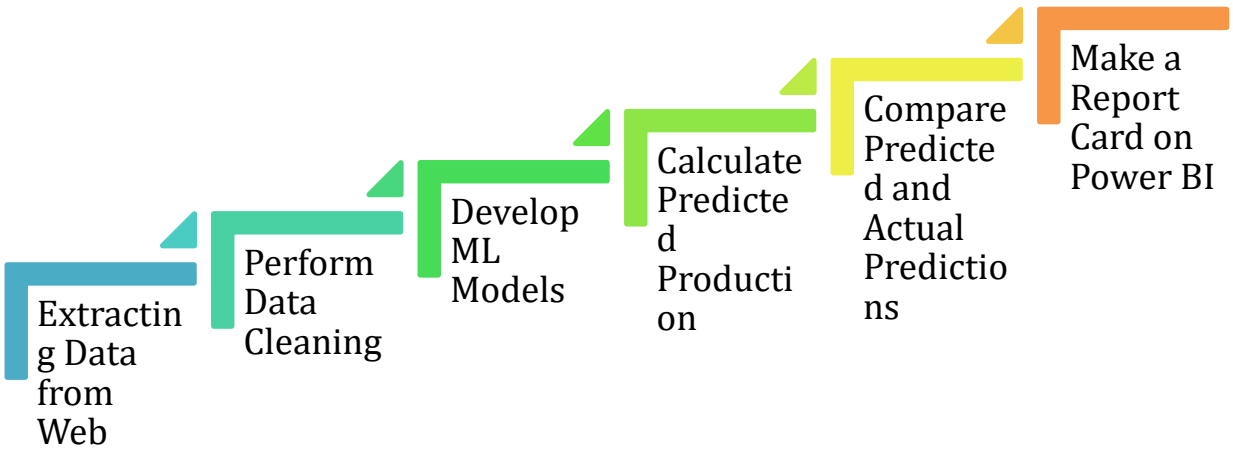
4. Project Planning

Step 1: Getting the data from Web
Step 2: Cleaning the data and enriching the data.
Step3: Develop Machine Learning Models.
Step4: Compare Predicted Vs Real.
Step 5: Create visualization on Power BI.

5. Hardware and Software Requirements

MS Excel, Python Interpretor (PyCharm, Jupyter), Power BI

6. Diagrammatic Representation of the Overall System



7. **Expected Duration/Hours**

20 Days

8. **What is your current level of expertise in the languages/tools/techniques you use?**

Student's Signature: _____ Date: _____