

DETERMINING THE RATE OF CARDIAC ANOMALIES USING MACHINE LEARNING ALGORITHMS

Submitted in partial fulfillment of the requirements for
the award of
Bachelor of Engineering degree in Computer Science and Engineering

by

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**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
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SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

Accredited with Grade "A" by NAAC

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BONAFIDE CERTIFICATE

This is to certify that this project report is the bonafide work of **Monalisa Dutta (Reg. No. 37110453) and Mukkapati Lakshmi (Reg. No. 37110462)** who carried out the project entitled "**DETERMINING THE RATE OF CARDIAC ANOMALIES USING MACHINE LEARNING ALGORITHMS**" under my supervision from **August 2020 to March 2021**.

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DECLARATION

I **Monalisa Dutta** hereby declare that the Project Report entitled **“Predicting the rate of Cardiac Anomalies using Machine Learning algorithms.”** is done by me under the guidance of **Dr. B. Bharathi, M.E., Ph.D,** Department of Computer Science and Engineering at Sathyabama Institute of Science and Technology is submitted in partial fulfillment of the requirements for the award of Bachelor of Engineering degree in Computer Science and Engineering.

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SIGNATURE OF THE CANDIDATE

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ABSTRACT

Heart is the most fundamental or pivotal bit of our body. Heart is utilized to keep up and form blood in our body. There are a great deal of cases on the planet identified with heart infections. Individuals are prompting demise because of coronary illness. Different side effects like chest torment, fasting of heartbeat, etc are referenced. The medical care enterprises found a lot of information. This paper gives the possibility of foreseeing coronary illness utilizing AI calculations. Here, we will utilize different AI calculations like decision tree, Random forest, knn, Naive bayes, choice tree and strategic relapse. The calculations are utilized based on highlights furthermore, for foreseeing the coronary illness. This paper utilizes distinctive AI calculations for looking at the exactness among them.

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