IJARSCT
ISSN (Online) 2581-9429
International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)
International Open-Access, Double-Blind, Peer-Reviewed, Refereed, Multidisciplinary Online Journal
Impact Factor: 7.301
Volume 3, Issue 7, April 2023

Heart Disease Prediction using Machine Learning

Yash Nevase[1], Fardeen Patel[2], Suffiyan Shaikh[3], Ayush Raskar[4], Prof. Vijaya Avati[5]
Students, Department of Mechanical Engineering[1,2,3,4]
Asst. Professor,Department of Mechanical Engineering[5]
JSPM'S Jayawantrao Sawant College of Engineering, Hadapsar, Pune, Maharashtra, India

Abstract: *Machine Learning is applied in a variety of fields all* handle. *over the world. The healthcare sector is no exception. Machine Learning can help forecast the existence or absence of locomotor problems, heart disease, and other diseases. In this research, we compare classifiers such as decision trees, KNN, Logistic Regression, and Random Forest and propose an ensemble Regression, and Random Forest and propose an ensemble weak classifiers.*

Keywords: Machine Learning, KNN, Logistic Regression,Decision tree

REFERENCES

[1]. Heart Disease Prediction using ML(Mr. Santhana Krishnan.J, Dr.Geetha S) In this system, a heart disease data set is used. The main aim of this system is to predict the possibilities of 91% occurring heart disease of the patients in terms of percentage. This is performedthrough data mining classification techniques.
[2]. Heart Disease Prediction using ML (Hassan, C.A.u.; Iqbal, J.; Irfan, R.; Hussain, S.; Algarni, A.D.; Bukhari, S.S.H.; Alturki, N.; Ullah, S.S.) Effectively Predicting the Presence of Coronary Heart Disease Using Machine Learning Classifiers.Received: 7 April 2022 Accepted: 27 July 2022 Published:23,September2022