

## Heart Disease Prediction Using Enhanced Whale Optimization Algorithm Based Feature Selection With Machine Learning Techniques



Abstract	
Document Sections	Down! PDF
I. Introduction	Abstract:
II. Literature Survey	Cardiovascular disease, a type of heart disease, is the leading cause of death worldwide. Early detection of heart
III. Proposed Method	disease can help get proper treatment and save lives. M View more
IV. Result and Evaluation	✓ Metadata Abstract:
V. Conclusion	Cardiovascular disease, a type of heart disease, is the leading cause of death worldwide. Early detection of heart disease, can help get proper treatment and save lives. Machine Learning (ML) models are becoming increasingly.
Authors	popular for use in a wide range of clinical diagnostic tasks. Making accurate predictions is essential for such tasks because the results can have a big impact on patients and reduce mortality. ML algorithms for efficient identification of
Figures	heart disease plays an important role in healthcare, especially in cardiology. Initially, the Framingham heart disease dataset was collected from a Kaggle website for analyzing heart disease prediction. The preprocessing stage is applied
References	to manage and remove the inappropriate data from the dataset. Then, an Enhance Whale Optimization Algorithm - based feature selection technique applied to the dataset to select the most relevant features (best-reduced feature
Keywords	divisions) for the detection of heart disease. Finally, machine learning classification algorithms, both conventional and hybrid methods, were implemented on the reduced feature dataset. The trained classifiers were evaluated in terms of
Metrics	accuracy, precision, recall and F1-score.
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ease Prediction Using Enhanced Whale Optimization A	Algorithm Based Feature Selection With Machine Learning Techni.					
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	Contents					
I. Introduction Cardiovascular disease is the leading cause of deat statistics World Health Organization (WHO), heart do of people worldwide suffer from heart disease, and year. Many people experience symptobighthiattw@en death. Heart disease has several major causes. So blood pressure and smoking, alcohol consumption, hypertensive heart [1].	th worldwide today. According to the recent lisease is the most dangerous disease. Billions 12 million people die from these diseases every ntiewio Raigdingecognized or overlooked before me of these can be high cholesterol levels, high sugar and physical inactivity, and					
Authors	~					
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