

# PREDICTION OF HEART DISEASE USING MACHINE LEARNING ALGORITHMS

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## Abstract

Heart disease is the leading cause of the death of the population all around the globe. Predicting the heart attack is very difficult as it is very complex and doctors need to have great expertise and knowledge in that field. In today world Health Care industry has a lot of data and information that is hidden. Various machine learning algorithms like Naïve Bays, CART, and REPTREE are used to predict the heart attacks in an individual. The research states that the accuracy level of prediction of heart disease using machine learning algorithms is about 99 percent. Data mining algorithms can be used to generate the pattern among the hidden data present in the health care industry.

Keywords: Heart attack, Disease, Machine learning, Data mining