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Intelligent Heart Disease Predictor

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Abstract

Due to bad eating habits, lack of exercising, smoking stress etc. factors majority of people all around the world is in danger of facing critical diseases such as diabetes, blood pressure and heart diseases. Majority of people get overweight and almost 30% of all the people above 20 years are overweight. These factors raise the issues of heart diseases such as strokes; cardiovascular diseases. According to studies, heart disease is number 1 cause of death in the world. Study shows that heart disease accounts 1 in 7 deaths in United States. This is due to life style and busy nature of people. People simply don't have time to consult a doctor do a diagnostic and they usually ignore disease. Now a day's even young people are diagnosed with cardiovascular diseases. Because of that each and every person need to monitor and care for their personal health. To overcome these problems heart disease prediction tool was create using machine learning and big data analysis which is capable of predicting risk of accumulating coronary heart disease in 10 years and availability of heart diseases according to provided data by the user.

Key words:

Machine learning
Big data analysis
Data mining