

# Disease Prediction using Machine Learning

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**Abstract:** *Evolution of modern technologies like data science and machine learning has opened the path for healthcare communities and medical institutions. The earth is going to a patch of technology where demand of intelligence and accuracy is increasing behind it. Today's people are likely addicted to internet but they are not concerned about their physical health. Most of the people are prone to diseases, due to lack of healthy food, proper sleep and daily exercise. People ignore the small problem and don't visit the hospital which turn into serious disease with time. So it is very crucial to know if we are suffering from a disease, at an early stage rather than discovering it at later stage. Hence disease prediction system plays an important role as it predicts the diseases based on symptoms. This disease prediction system uses Machine Learning algorithm named Naive Bayes Theorem.*

**Keywords:** Machine Learning, Disease Prediction, Naïve Bayes algorithm, Supervised Learning.

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