

Multiple Disease Prediction System

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Abstract: *For diagnosis and treatment for a patient, the medical facilities need to get advanced. So that a patient can make a better and wise decision. Machine learning algorithms are already implemented in this field of healthcare. Machine learning in the healthcare industry sucks humans to process huge, complex, and compound datasets. Then this can further be used by physicians in providing medical care. This will increase human satisfaction. In this, we try to implement different functionalities of machine learning in healthcare in a single system and also implement an appointment booking system. Instead of diagnosis, when a disease prediction is implemented using a certain machine learning predictive algorithm then healthcare can be made smart. As widely “Prevention is better than cure”, Prediction of an epidemic outbreak would lead to early prevention of an occurrence of a disease*

Keywords: Disease Prediction, Appointment Booking, Decision Tree Algorithm, Random Forest Algorithm, XG-Boost Classifier

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