An Abstract of

“DISEASE PREDICTION USING MACHINE LEARNING”

# Team Details

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# Abstract

With big data growth in biomedical and healthcare communities, accurate analysis of medical data benefits early disease detection, patient care, and community services. However, the analysis accuracy is reduced when the quality of medical data is incomplete. Moreover, different regions exhibit unique characteristics of certain regional diseases, which may weaken the prediction of disease outbreaks. In this paper, we streamline machine learning algorithms for effective prediction of chronic disease outbreak in disease-frequent communities. We experiment the modified prediction models over real-life hospital data collected from central China in 2013-2015. To overcome the difficulty of incomplete data, we use a latent factor model to reconstruct the missing data. We experiment on a regional chronic disease of cerebral infarction. In this Machine Learning project is used to predict the disease based on the symptoms given by the user. It predicts using three different machine learning algorithms. So, the output is accurate .It uses tkinter for GUI. In this we will analyze data using three algorithms

Signature of the Guide

(Dr.A.Jagan)