# Healthcare Analysis and Prediction System

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**Abstract**: *Health analytics and prediction system are becoming increasingly critical in healthcare delivery and outcomes, in the domain of big data, machine learning and web development. This research represent a scalable and support big data technologies for real time health tracking, predict analytics and decision support. The System include big amount of structured and unstructured data from various sources. Advanced data preprocessing techniques are apply to clear and organize the data, followed by the use of machine learning algorithm to identify pattern and prediction system and offer a recommendation of cure. A User Interface dashboard, developed using la test web technologies such as React.js and Node.js, provides a effective user responsive interface.*

*The Purpose of this project is to make better outcomes for healthcare and early detection of health issues that help patients to take a decision of what to do next..*

**Keywords**: Health Analytics, Big Data, Web Development, Predictive Analytics, React.Js, Node.Js, Realtime Monitoring, Machine Learning