# Literature Survey on Analysis of hospital health care data

| TITLE | REFERENCE | DESCRIPTION | PREDICTIVE ANALYTICS | METHOD FOR DATA ANALYSIS |
|---|---|---|---|---|
| Face recognition for health care | Indatalabs.com | This case study proposes that the algorithm checks the database on a number of matches based on their unique facial landmarks and skin texture | Personal authentication with face recognition | 1.computer use machine vision technologies along with camera and AI software to get image recognition |
| Analysis to prevent and control chronic diseases | IEEE | This novel proposes that creating and building a prediction model for chronic diseases is an extraordinary change to healthcare technology on the premises of data analysis and decision making. | Effective mechanisms have been used for chronic disease prediction by mining the data containing historical health records. | 1.Navie Bayes 2.Decision tree 3.Support Vector Machine (SVR) 4.Artificial Neural Networks (ANN) |
| Analysis to support health informatics on covid-19 data | IEEE | This paper proposes that evaluation results on a real-life datasets demonstrates the effectiveness of our digital health analytics, especially in classifying patients and their medical needs. | Samples of more accessible and less expensive types of data (serology/antibody test results from blood samples) which helps to support prediction on classification of potential patients | 1.Auto encoder &Few short learning |
| Data Analysis for heart diseases detection | IEEE | This paper proposed to develop a centralized patient monitoring system using big data. In the proposed system, large set of medical records is taken as input. From this data set , it is aimed to extract the needed information using map reduce technique. | Some features such as RR interval, QRS interval, QT interval are analysed for heart disease detection. This classification process predicts whether the patients is normal or abnormal . | 1.Map reduce |
| Detection and prevention of AIDS | IEEE | This paper proposes that massive instruction has to be prepared in order to recognize , diagnose, identify and prevent various diseases. | The study of cause of AIDS mainly focuses on prediction of the disease using R programming | 1.R programming |