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Smart Health Disease Prediction

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Abstract— Sometimes we need immediate medical attention, but for some reason they are not available. We propose a user-friendly system to get guidance on health issues quickly through an online health care system. In recent years, with a focus on Bayesian statistics and previous distributions the problems are largely resolved. At present, Bayesian statistics are effective in economics, social sciences and a few different fields. In the field of medicine, international students have solved some medical issues that have difficulty solving classical mathematics with Bayesian classification. The Naive Bayes is among the most common separation methods introduced by Rev. Thomas Bayes. Without further details, classification rules are generated by samples trained by them.

Keywords— Detection, Harmful Objects, Gun Detection.

I. INTRODUCTION

The paper designed the Health Disease Prediction seeks computerized solution for the overall health disease prediction. Sometimes we need immediate medical attention, but for some reason they are not available. I our project we propose a user-friendly system to get guidance on health issues quickly through an online health care system. In recent years, with a focus on Bayesian statistics and previous distributions the problems are largely resolved. At present, Bayesian statistics are effective in economics, social sciences and a few different fields. In the field of medicine, international students have solved some medical issues that have difficulty solving classical mathematics with Bayesian classification. The Naive Bayes is among the most common separation methods introduced by Rev. Thomas Bayes. Without further details, classification rules are generated by samples trained by them.

The Smart Health Prediction System is a revolutionary medical information tool to help and Expand

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(1) The administration of health services
(2) Care clinics
(3) Medical analysis
(4) Training
(5) Specialist Doctors

It is the responsibility of the computing and communications technologies to enhance health science databases in assortment, storage, availability of power effectively at the right time and place a structured program is used particularly by all the people where data privacy and respect is very important. PC assisted data recovery can help improve quality in resolving options and away from personal cracks. Think of a doctor should check the five patient records; easily deliver. If the quantity of records grows with the time problem, it is limited that the accuracy with which the expert produces the results will not be high because the fact that an expert has obtained five records should be checked.

Sometimes we need the help of doctors immediately, but due to some reasons they unavailable. In our project we propose a system that is user favourable to get guidance on health issues instantly through online health care system. In recent years, with reference to the Bayesian statistics and posterior distribution the puzzles are solved highly. Meanwhile, Bayesian statistics with success apply to economic, social science and a few different fields. In medical fields, the foreign students have solved some medical issues that are laborious to be settled in classic statistics by classification of Bayesian. Naive Bayes is among the foremost common classification technique introduced by Reverend Thomas Bayes. With no extra information, classification rules are generated by the samples trained by themselves.

Everybody is a patient sooner or later, and we as a whole need great medical care. We accept that specialists are altogether therapeutic experts and that there is great research behind all their choices. That can't be the situation all the time. They cannot possibly focus on memory all the knowledge they require for each circumstance, and they probably try not to have it promptly available

1. It is hand written and manual
2. wastage of paper
3. wastage of time
4. No proper diagnosis
5. No proper doctor recommendation

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Fire accidents pose a serious threat to industries, crowded events, social gatherings, and densely populated areas that are observed across India. These kinds of incidents may cause damage to property, environment, and pose a threat to human and animal life. According to the recent National Risk Survey Report [1], Fire stood at the third position overtaking corruption, terrorism, and insurgency thus posing a significant risk to our country's economy and citizens. The recent forest-fires in Australia reminded the world, the destructive capability of fire and the impending ecological disaster, by claiming millions of lives resulting in billions of dollars in damage.

II. Related Work

A. Smart Health Prediction System with Data Mining

The digital technology era demands the world to provide an excellent health system, in order to ensure the citizen and community to be alive and healthy. This study proposes the application of data mining algorithm for health prediction that can eventually shape a suitable health prediction system for patients. Although, health care is available to everyone in the world, there are still no healthcare system that is completely reliable and accurate to carefully diagnose patient on their current health issues. Even though, some hospitals are well equipped to provide the best healthcare services to its citizens, some of the hospitals are still lack in certain qualities.

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B. A Smart Health Prediction Using Data Mining

This project can be used for the data mining techniques such as medical field, research field, and educational field and various aspects. In medical and health care areas, due to regulations and due to the availability of computers, a large amount of data is becoming available. As per the modern technology huge improvement has been made in computer field and therefore there is no need to deal with such a large amount of data at a same time. A major objective of this paper is to evaluate data mining techniques in clinical and health care applications to develop an accurate decision.

C. Smart Health Prediction System Using Data Mining

In this paper, we present the techniques and applications of data mining in medicinal and instructive parts of Clinical Predictions. In health care fields, a huge quantity of information is turning into accessible due to availability of computers. Such a large amount of information can't be processed to make health predictions in the early stage and make treatment schedules to diagnose. The aim is to assess the techniques of data processing in the fields of health care to develop correct choices for disease prediction. Data mining technique is a latest powerful technology that is of high interest in the computer world. It uses already existing data in several databases to rework it into new researches and results. From available data sets, to extract new patterns and the knowledge related to these patterns data mining uses machine learning and database management. This system supports an end user and online consultation. Here we propose a framework that enables clients to get moment direction on their medical problems through a smart health prediction system.

III. Proposed System

So as to execute the Proposed System, we will specify graphs that cause us to comprehend the structure of the proposed framework. With the assistance of these structures, the framework is planned and executed which helps in mechanization of the wellbeing forecast framework. As indicated by the charts, it is a two-level design. We give a structure that demonstrates a rundown of side effects. The client will enter those side effects that he encounters. In view of picked symptoms, the system will produce related ailment. The system will exhibit another structure that contains a couple of requests if the information for the disorder isn't adequate. Based on the information an inquiry is made and the data will be based on the reactions to that inquiry.

Data Mining utilized in the field of medicinal application can abuse the concealed examples present in voluminous therapeutic information which generally is left unfamiliar. The term Knowledge Discovery in Databases, or KDD for short, alludes to the wide procedure of discovering learning in information, and accentuates the "abnormal state" use of specific information mining techniques.

IV. Experimentation Process and Result

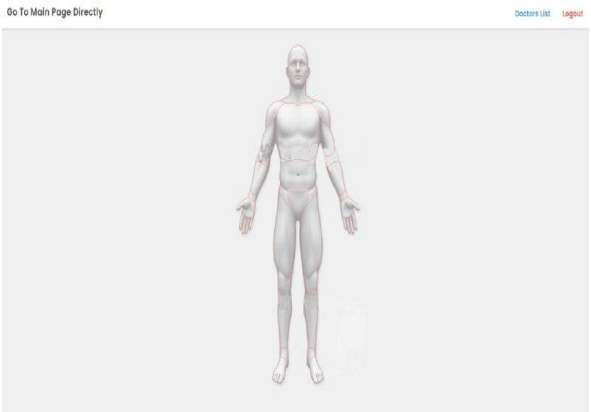

Figure 2: Home Page

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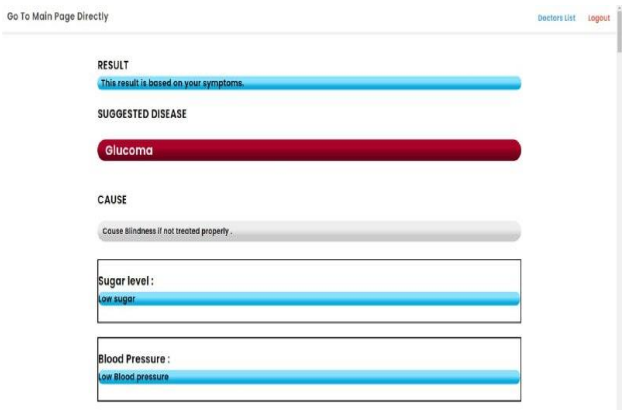

Figure 3: Prediction Result

CONCLUSION

Anticipating savvy wellbeing should be possible just if framework reacts that way. These datasets will be contrasted and the approaching questions and the last report will be produced utilizing Association Rule Mining. Since this proposed system will chip away at genuine chronicled information, it will give exact and productive outcomes, which will enable patients, to get the conclusion in a split second. More work should be possible later on by utilizing more informational index identified with heart sicknesses and by utilizing diverse information decrease techniques to improve the characterization. For better precision and expectation of heart sicknesses the datasets that will be used must be quality organized and free from special cases, inconsistencies, and missing characteristics.

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