Human Health and 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— Machine Learning Bayesian Statistics, Naive Bayes Online Health Care System

I. INTRODUCTION

The project "Health And Disease Prediction" seeks computerized solution for the overall health disease prediction.

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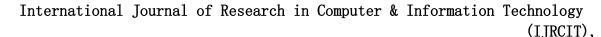The Smart Health Prediction System is a revolutionary medical information tool to help and expand.

II. LITERATURE REVIEW

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.

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.

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 an 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 cmd online consultation. Here we propose a framework that enables clients to get moment direction on their medical problems through an smart health prediction system.

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III. HUMAN HEALTH AND DISEASE PREDICTION

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 the 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

Summary of previous research work of facial expression detection based on machine learning

Jack R. Meredith and Samuels J. Mantel's "Project Management A Managerial Approach" is a comprehensive guide to the principles and practices of project management. The book provides a detailed overview of the project management process, from project initiation to project closure, and covers key topics such as project planning, scheduling, budgeting, risk management, and team management.

The authors emphasize the importance of project management as a strategic tool for organizations to achieve their goals, and they provide practical advice and real-world examples to help readers understand how to apply project management principles in various contexts. The book also includes a discussion of current trends in project management, such as agile project management and the use of technology in project management.

One of the strengths of this book is its focus on the people aspect of project management. The authors stress the importance of effective communication, leadership, and team building in project management, and they provide guidance on how to manage conflicts and motivate team members. In addition, the book includes a section on international project management, which addresses the unique challenges that arise when managing projects across different cultures and geographic locations.

Overall, "Project Management A Managerial Approach" is a valuable resource for anyone interested in project management, from beginners to experienced professionals. Its practical approach, real-world examples, and emphasis on the human side of project management make it a useful tool for managing projects of all sizes and types.

IV. CONCLUSION

Anticipating savvy well-being 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 a 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.

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