

DECLARATION

We hereby declare that project report entitled “DISEASES PREDICTION BY MACHINE LEARNING OVER BIG DATA FROM HEALTHCARE COMMUNITIES” done as the partial Fulfillment of the requirements for the award of degree of Bachelor of Science (B.sc COMPUTER SCIENCE), is project report done by us during the duration of our period of study in Sixth Semester in Lement college of Advanced Studies, Pattambi under the guidance of Mrs.Nusrath.P , Project co-ordinator and Mr.Pradeep.C, Head of department of Computer Science and this has not been previously submitted for the award of Degree in this or and other college or University.

Singnature of students

1. Wafi A salim
2. Ashwathi M.R
3. Farsana jibil

Counter Signed by the Guide

Place :

Date :

ACKNOWLEDGEMENT

I am grateful to each and every one who has contributed in numerous ways to the development of this project whose efforts have been a helping in every footstep towards my destiny.

I give all the glory and honour to the God Almighty, whose divine touch had been the foremost inspiration and guiding light in the fulfillment of this uphill task.

I am glad to present the project report entitled “DISEASE PREDICTION BY MACHINE LEARNING OVER BIG DATA FROM HEALTHCARE COMMUNITIES” prepared as a part of Our Sixth Semester, Bachelor of Computer Science course.

I take this opportunity to express my deep sense of gratitude and sincere thanks to our Principal Mr. Shabeer k p of Lement College of Advanced studies for giving us an opportunity to take up the project work.

I would like to express my gratitude to Mr. Pradeep C, Head of Department of Computer Science, Who has served as host of valuable corrections. It is wordless to say thanks to our Internal Guide Mrs. Nusrath, faculty of Computer Science department. I extend my sincere gratitude to all other staff members of the computer science department, who have contributed to complete my project.

I am extremely thankful to my parents for their moral support and continuous encouragement, which had always been a source of inspiration to me.

I also express my heartfelt thanks to my dear friends who had supported me in my endeavor to Complete this project successfully.

ABSTRACT

The streamline machine learning algorithms for effective prediction of chronic Disease outbreak in disease-frequent communities. Here experiment the modified prediction models over real-life hospital data. To overcome the difficulty of incomplete data, we use a latent factor model to reconstruct the missing data. The experiment on a regional chronic disease of cerebral infarction. That propose a new convolution neural network based multimodal disease risk prediction using structured and unstructured data from hospital. To the best of knowledge, none of the existing work focused on both data types in the area of medical big data analytics. The missing data can be entered easily. This saves the time and provide all the details about patient. The system is designed with the JAVA.