

WEATHER PREDICTION

MINI PROJECT REPORT

Submitted in partial fulfillment of the requirements for the award of the degree of

BACHELOR OF ENGINEERING

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BONAFIDE CERTIFICATE

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ABSTRACT

Weather forecasting is the use of science and technology to predict the condition of the weather for a given area. It is one of the most difficult issues the world over. This project aims to estimate the weather by Utilizing predictive analysis. For this reason, analysis of various data mining procedures is needed before apply. This paper introduces a classifier approach for prediction of weather condition and shows how Naive Bayes and Chi square algorithm can be utilized for classification purpose. This system is a web application with effective graphical User Interface. User will login to the system utilizing his user ID and password. User will enter some information such as current outlook, temperature, humidity and wind condition. This system will take this parameter and predict weather after analyzing the input information with the information in database. Consequently two basic functions to be specific classification and prediction will be performed. The outcomes demonstrated that these data mining procedures can be sufficient for weather forecasting. Weather forecasting has been a standout amongst the most experimentally and technologically troublesome issues over the world in the most recent century. Environmental change has been looking for a great deal of consideration since a long time because of the sudden changes that happen. There are several limitations in better execution of weather forecasting thus it ends up hard predicting weather here and now with effectiveness. Weather forecasting assumes a significant role in meteorology. To makes an exact prediction is one of the significant troubles standing up to meteorologist wherever all through the world. Weather warnings are vital in light of the fact that they are utilized to ensure life and property. Forecasts dependent on Temperature, Outlook, Humidity and Wind are important to farming, and along these lines to traders inside product markets.

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