

# Real Time Weather Detection and Sending Notifications

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**Abstract:** *Weather forecasting is the application of current technology and science to predict the state of atmosphere for future time and at a given location. This is made by collecting data as much as possible about the present state of atmosphere, including temperature, humidity, wind, precipitation. Weather forecasts are made by collecting information about the current state of the atmosphere in a particular area and then using the weather to predict how to atmosphere will change individual input is still required to select the best predictive model to establish the prediction .It will make the system easy for farmer to use. Weather is the state of atmosphere at a particular place and time. Crop's photosynthesis, transpiration, respiration, photoperiodism and all other activities are influenced by weather. Farmers can plough their field only when it has enough moisture.*

**Keywords:** Machine Learning, Weather Detection