

A Machine Learning Model for Rain Fall Prediction Using ANN

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Abstract: Most dynamic and testing task the department of meteorology faces is that of rainfall prediction or precipitation prediction. Precipitation is anticipated utilizing various models with their mix, perception, patterns of information and examples. Precipitation can be anticipated utilizing different AI procedures. In this paper, Artificial Neural Network (ANN) like Feed Forward Neural Network (FFNN) model is worked for anticipating the precipitation. Fake brain organizations (ANN) are the significant and alluring delicate registering strategy for expectation. ANN depends on self-versatile component in which the model gains from authentic information catch utilitarian connections among information and make expectations on current information. The exact expectation of precipitation is a significant rule for dealing with the water assets. The forecast exactness is estimated utilizing disarray lattice. The outcomes show that the expectation model in light of ANN demonstrates satisfactory precision.

Keywords: Rain prediction, Artificial neural network (ANN), Backpropagation, Feed Forward Network, Precipitation

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