

Forest Fires Detection using Linear Regression Model

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Abstract: Forest fires became one of the foremost important problems that cause damage to several. Areas around the world. The paper displays machine learning regression techniques for predicting forest fire-prone areas. The data set used in this paper is presented within the UCI machine learning repository that consists of climate and physical factors of the Montesano's park in Portugal. The accuracy of the linear regression algorithm gives more accuracy than ridge regression and lasso regression algorithms.

Keywords: Forest Fire Prediction, Linear Regression Model.

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