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(NAAC Accredited and An ISO 9001:2015 Certified Institution)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

FLIGHT DELAY WITH ERROR CALCULATION USING MACHINE LEARNING CLASSIFIERS

ABSTRACT

Flight delay is a major problem in the aviation sector. During the last two decades, the growth of the aviation sector has caused air traffic congestion, which has caused flight delays. Flight delays result not only in the loss of fortune also negatively impact the environment. Flight delays also caused significant loss of airlines operating commercial flights. Therefore, they do everything possible in the preservation or avoidance of delays and cancellation of flights by taking some measures. In this paper, using machine learning models such as logistic Regression, Decision Tree Regression, Bayesian Ridge, Random Forest Regression and Gradient Boosting Regression we predict whether the arrival of a particular flight will be delayed or not….

Keywords: Logistic Regression, Decision Tree Regressor, Bayesian Ridge, Random Forest Regressor, Gradient Boosting Regressor….

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