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Developing A Flight Delay Prediction Model Using Machine Learning

LITERATURE SURVEY

SNO	LITERATURE PAPER	AUTHOR	PROPOSED METHOD	ACCURACY	YEAR
1	A Review on Flight Delay Prediction	Alice Sternberg Jorge Soares Eduardo Ogasawara Diego Carvalho	The methods commonly used include k-Nearest Neighbor, neural networks, SVM, fuzzy logic, and random forests. They were mainly used for classification and prediction.	87.5%	2021
2	Predicting flight delay based on multiple linear regression	Yi Ding	A prediction model based on the multiple linear regression model, was used to predict the delay	80%	2017
3	A Multilayer Perceptron Neural Network with Selective-Data Training for Flight Arrival Delay Prediction	Hajar Alla Lahcen Moumoun Youssef Balouki	Multilayer Perceptron Neural Network	MLP-95.8% ANN-91%	2021
4	Flight delay prediction model based on dual-channel convolutional neural network	WU Renbiao, LI Jiayi, QU Jingyi	Flight delay prediction model based on Dual-Channel Convolutional Neural Network.	92.1%	2018

5	Airport flight delay prediction based on SVM regression	HE Yang, ZHU Jinfu, ZHOU Qinyan	Multivariate linear regression model and SVM regression model are applied to test the current model.	93.2%	2017