

Developing a Flight Delay Prediction Model using Machine Learning

TEAM LEADER. :K.S.PAVITHRA

TEAMMEMBER1 :M.VAIRAPRAKASH

TEAM MEMBER 2 : S PRAVEENKUMAR

TEAM MEMBER 3 : A.DHARANIYA

DOWNLOAD DATASET :

PROJECT DETAILS

Developing A Flight Delay Prediction Model Using Machine Learning

Project Objectives

Project Flow

Prerequisites

Prior Knowledge

Project Structure

Data Collection

Download/Create Dataset

Dataset

Data Pre-Processing

TASK & PROGRESS

MENTOR REVIEW

<https://drive.google.com/file/d/1HNyx6fX3hVRDX43egcAAU9rQ9scv4AR/view?usp=sharing>

flightdata.csv

Show all

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	YEAR	QUARTER	MONTH	DAY_OF_MONTH	DAY_OF_WEEK	UNIQUE_CARRIER	TAIL_NUM	FL_NUM	ORIGIN_AIRPORT_ID	ORIGIN	DEST_AIRPORT_ID	DEST	CRS_DEP_TIME
2	2016	1	1	1	1	5 DL	N836DN	1399	10397	ATL	14747	SEA	1905
3	2016	1	1	1	1	5 DL	N864DN	1476	11433	DTW	13487	MSP	1345
4	2016	1	1	1	1	5 DL	N813DN	1597	10397	ATL	14747	SEA	840
5	2016	1	1	1	1	5 DL	N587NW	1768	14747	SEA	13487	MSP	818
6	2016	1	1	1	1	5 DL	N836DN	1823	14747	SEA	11433	DTW	2305
7	2016	1	1	1	1	5 DL	N836DN	1975	13487	MSP	10397	ATL	1129
8	2016	1	1	1	2	6 DL	N833DL	2074	10397	ATL	13487	MSP	1745
9	2016	1	1	1	2	6 DL	N589NW	2151	13487	MSP	14747	SEA	1745
10	2016	1	1	1	2	6 DL	N804DN	2221	13487	MSP	14747	SEA	1115
11	2016	1	1	1	2	6 DL	N865DN	2291	13487	MSP	10397	ATL	1435
12	2016	1	1	1	2	6 DL	N703TW	2350	10397	ATL	12478	JFK	825
13	2016	1	1	1	2	6 DL	N538US	2444	10397	ATL	14747	SEA	1345
14	2016	1	1	1	2	6 DL	N899DL	2610	10397	ATL	13487	MSP	725
15	2016	1	1	1	2	6 DL	N582NW	2826	11433	DTW	14747	SEA	835
16	2016	1	1	1	2	6 DL	N820DE	2845	11433	DTW	10397	ATL	1624
17	2016	1	1	1	3	7 DL	N860AT	86	13487	MSP	11433	DTW	1345
18	2016	1	1	1	3	7 DL	N373ZJ	423	12478	JFK	10397	ATL	1305
19	2016	1	1	1	2	6 DL	N592NW	1923	11433	DTW	14747	SEA	1728
20	2016	1	1	1	2	6 DL	N833DN	1972	14747	SEA	12478	JFK	715
21	2016	1	1	1	2	6 DL	N888DL	2005	10397	ATL	11433	DTW	725
22	2016	1	1	1	2	6 DL	N824NW	2039	10397	ATL	14747	SEA	824
23	2016	1	1	1	3	7 DL	N830DL	902	10397	ATL	11433	DTW	1456
24	2016	1	1	1	3	7 DL	N531NW	997	13487	MSP	11433	DTW	833
25	2016	1	1	1	3	7 DL	N811DN	1108	13487	MSP	10397	ATL	1508
26	2016	1	1	1	3	7 DL	N811DN	1231	10397	ATL	11433	DTW	1345