

Developing a Flight Delay Prediction Model using Machine Learning

TEAM LEADER : S.SARANYA

TEAM MEMBER 1: M.MANISHA

TEAM MEMBER 2 : P.KALAISELVI

TEAM MEMBER 3 : R.SNEHA

DOWNLOAD DATASET :

The screenshot shows a web browser window with the URL careereducation.smartintenz.com/Student/guided_project_workspace/53168. The page is titled "PROJECT DETAILS" and "TASK & PROGRESS". The "PROJECT DETAILS" section on the left lists various project components: Project Objectives, Project Flow, Prerequisites, Prior Knowledge, Project Structure, Data Collection, Download/Create Dataset, Dataset, Data Pre-Processing, and a partially visible "Data Post-Processing" link. The "TASK & PROGRESS" section on the right displays a Google Drive logo and a link to the dataset: <https://drive.google.com/file/d/1HNy6fXShvRDx43egcAAUstQ9scv4AR/view?usp=sharing>. The browser's address bar shows the URL, and the taskbar at the bottom indicates the time as 6:58 PM.

The screenshot shows a Google Drive spreadsheet titled "flightdata.csv". The spreadsheet contains flight data with columns for Year, Quarter, Month, Day of Month, Day of Week, Unique Carrier, Tail Num, FL Num, Origin Airport, Destination, and CRS Dep Time. The data is organized into rows, with the first row (row 1) containing the column headers. The spreadsheet is displayed in a web browser window with the URL drive.google.com/file/d/1HNy6fXShvRDx43egcAAUstQ9scv4AR/view. The browser's address bar shows the URL, and the taskbar at the bottom indicates the time as 6:57 PM.

	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	N836DN	1476	11433	DTW	13487	MSP	1345
4	2016	1	1	1	1	5 DL	N813DN	1597	10397	ATL	14747	SEA	945
5	2016	1	1	1	1	5 DL	N567NW	1768	14747	SEA	13487	MSP	819
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	1125
8	2016	1	1	1	2	6 DL	N836DL	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	N850DN	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	N3732J	423	12478	JFK	10397	ATL	1305
19	2016	1	1	1	2	6 DL	N892NW	1823	11433	DTW	14747	SEA	1725
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	N531TW	997	13487	MSP	11433	DTW	835
25	2016	1	1	1	3	7 DL	N810A	1108	13487	MSP	10397	ATL	1508
26	2016	1	1	1	3	7 DL	N810A	1231	10397	ATL	11433	DTW	1345