

Developing a Flight Delay Prediction Model using Machine Learning

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DOWNLOAD DATASET :

The screenshot shows the IBM Project workspace interface. The browser address bar displays the URL: https://careereducation.smartinternz.com/Student/guided_project_workspace/1225. A note at the top states: "Note: Use password KNC653j to access project Doc". The interface is divided into three main sections: PROJECT DETAILS, TASK & PROGRESS, and MENTOR REVIEW. The PROJECT DETAILS section on the left lists various project stages: Project Objectives, Project Flow, Prerequisites, Prior Knowledge, Project Structure, Data Collection (highlighted), Download /Create Dataset, Dataset, Data Pre-Processing, Application Building, Train The Model On IBM, Ideation Phase, and Deploy The Model Phase - I. The TASK & PROGRESS section in the center features a Google Drive logo and a link: <https://drive.google.com/file/d/1HNYx6fXShvRDx43egcAAUsrQ9sccv4AR/view?usp=sharing>. The MENTOR REVIEW section is currently empty. An "Activate Windows" watermark is visible in the bottom right corner.

The screenshot shows a Google Drive interface with a link to a flight data dataset: <https://drive.google.com/file/d/1HNYx6fXShvRDx43egcAAUsrQ9sccv4AR/view>. The file is named "flightdata.csv". The table below represents the data contained in this CSV file.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
	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	DEP_TIME	DEP_DELAY
1															
2	2016	1	1	1	5	DL	N836DN	1399	10397	ATL	14747	SEA	1905	1907	
3	2016	1	1	1	5	DL	N864DN	1476	11433	DTW	13487	MSP	1345	1344	
4	2016	1	1	1	5	DL	N813DN	1597	10397	ATL	14747	SEA	940	942	
5	2016	1	1	1	5	DL	N587NW	1788	14747	SEA	13487	MSP	819	820	
6	2016	1	1	1	5	DL	N836DN	1823	14747	SEA	11433	DTW	2300	2256	
7	2016	1	1	1	5	DL	N836DL	1975	13487	MSP	10397	ATL	1129	1127	
8	2016	1	1	1	2	DL	N893DL	2074	10397	ATL	13487	MSP	1745	1745	
9	2016	1	1	1	2	DL	N589NW	2151	13487	MSP	14747	SEA	1740	1751	
10	2016	1	1	1	2	DL	N804DN	2221	13487	MSP	14747	SEA	1115	1115	
11	2016	1	1	1	2	DL	N865DN	2291	13487	MSP	10397	ATL	1430	1443	
12	2016	1	1	1	2	DL	N703TW	2350	10397	ATL	12478	JFK	825	828	
13	2016	1	1	1	2	DL	N538US	2444	10397	ATL	14747	SEA	1345	1355	
14	2016	1	1	1	2	DL	N899DL	2610	10397	ATL	13487	MSP	725	721	
15	2016	1	1	1	2	DL	N828NW	2826	11433	DTW	14747	SEA	835	841	
16	2016	1	1	1	2	DL	N820OE	2845	11433	DTW	10397	ATL	1624	1622	
17	2016	1	1	1	3	DL	N866AT	86	13487	MSP	11433	DTW	1345	1337	
18	2016	1	1	1	3	DL	N372JJ	423	12478	JFK	10397	ATL	1300	1258	
19	2016	1	1	1	3	DL	N826NW	1823	11433	DTW	14747	SEA	1728	1724	
20	2016	1	1	1	2	DL	N833DN	1972	14747	SEA	12478	JFK	715	715	
21	2016	1	1	1	2	DL	N886DL	2005	10397	ATL	11433	DTW	725	723	
22	2016	1	1	1	2	DL	N824NW	2039	10397	ATL	14747	SEA	824	847	
23	2016	1	1	1	3	DL	N830DL	902	10397	ATL	11433	DTW	1456	1454	
24	2016	1	1	1	3	DL	N591NW	997	13487	MSP	11433	DTW	833	832	
25	2016	1	1	1	3	DL	N837DN	1108	13487	MSP	10397	ATL	1508	1510	
26	2016	1	1	1	3	DL	N810DA	1231	10397	ATL	11433	DTW	1340	1339	
27	2016	1	1	1	3	DL	N536US	1291	14747	SEA	10397	ATL	745	750	
28	2016	1	1	1	3	DL	N596NW	1997	13487	MSP	14747	SEA	1440	1439	
29	2016	1	1	1	3	DL	N689NB	1444	11433	DTW	10397	ATL	2020	2021	
30															

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