

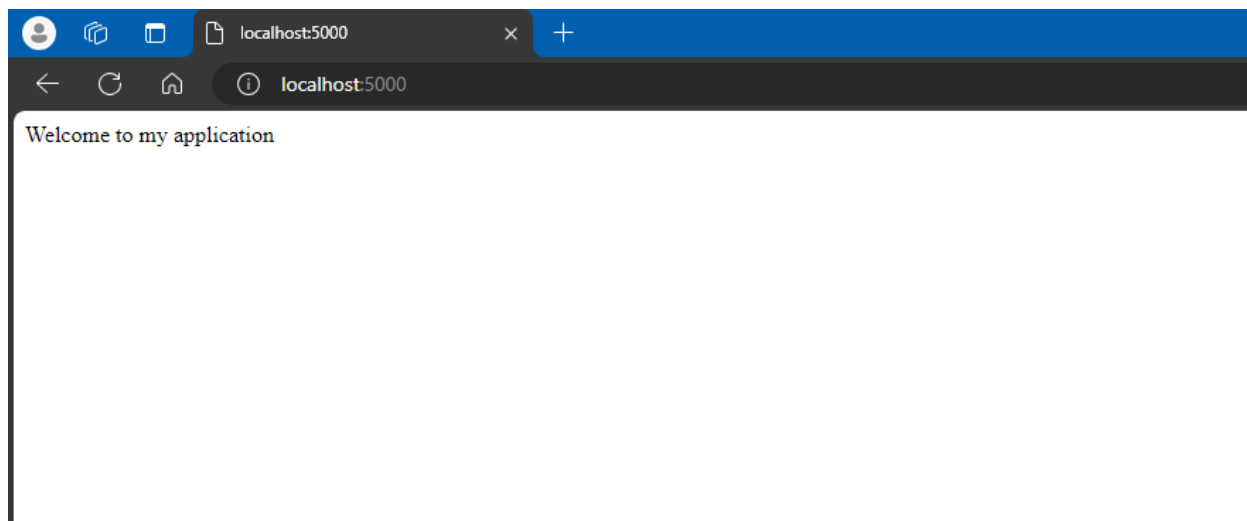


Credit Card Default Prediction

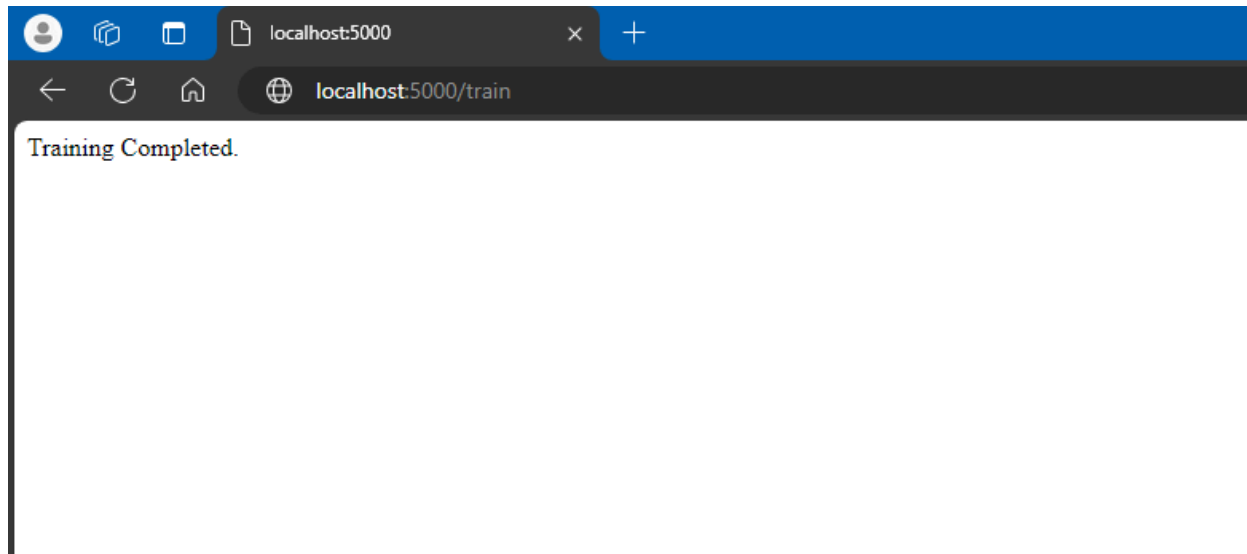
Wireframe Documentation

Ritik Patel

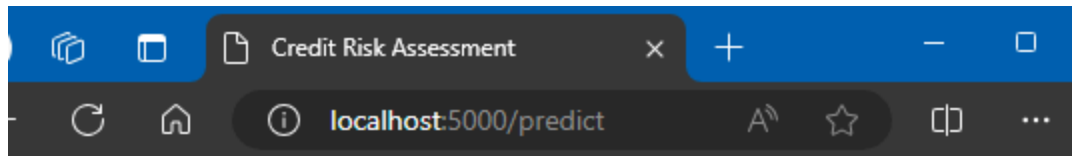
1. Home Page:- When the user opens the home page they see an index page that has a greeting written on it



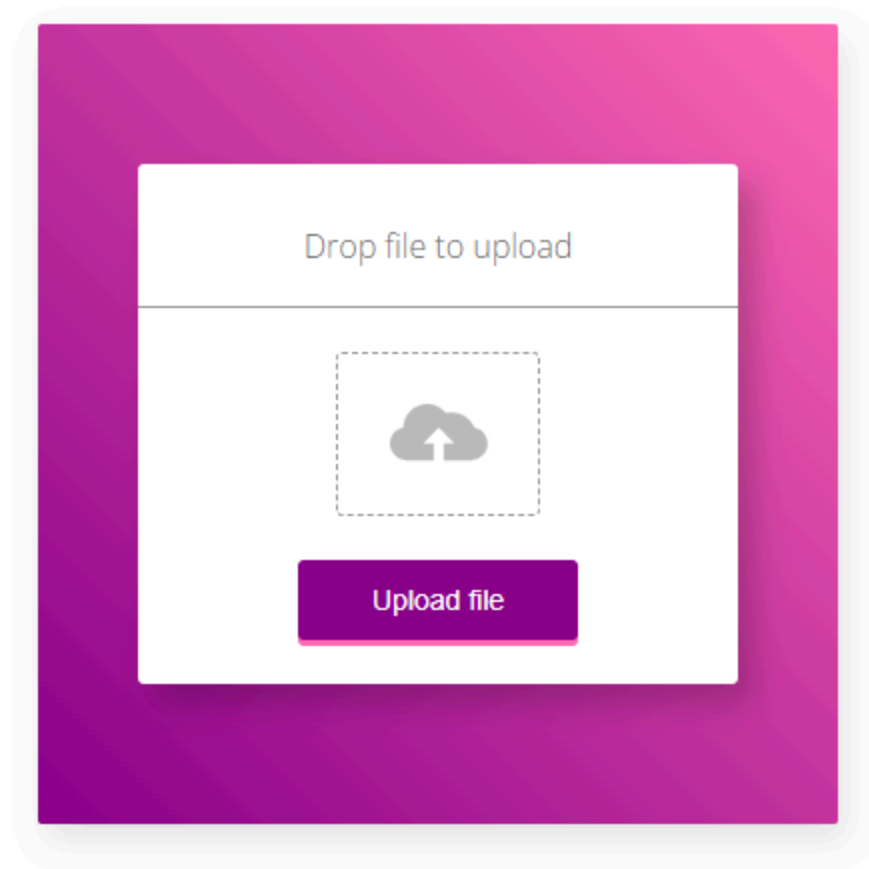
2. Training page: On this page, the user can train the model. The backend fetches the data from MongoDB and trains the ML model on it. You can see a message after it finishes training the model.



3. To predict the data, the user can visit /predict routes and can predict the data on it by uploading the data in a CSV format.



Upload CSV for the prediction



4. After uploading the data ML model will predict the outcome based on data and you can see the prediction in the IsDefaulter column of the prediction file that you will get after predictions on data are completed.

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
LIMIT_BAL	SEX	EDUCATION	MARRIAGE	AGE	PAY_0	PAY_2	PAY_3	PAY_4	PAY_5	PAY_6	BILL_AMT1	BILL_AMT2	BILL_AMT3	BILL_AMT4	BILL_AMT5	BILL_AMT6	PAY_AMT1	PAY_AMT2	PAY_AMT3	PAY_AMT4	PAY_AMT5	PAY_AMT6	isDefaulter
20000	1	2	2	1	37	0	0	0	0	2	0	17214	9633	10944	11280	11011	7755	2248	1500	757	0	430	1000 no
210000	2	2	2	45	1	-2	-2	-2	-2	-2	0	0	0	0	0	0	0	0	0	0	0	0	no
410000	1	1	2	27	0	-1	-1	0	-1	-1	7189	15646	15678	40512	17884	34251	16090	16076	40203	17974	34518	369 no	
210000	2	1	2	29	-2	-2	-2	-2	-2	-2	10692	-3	-3	-3	650	1850	0	0	0	0	653	1859	1411 no
170000	2	1	2	39	0	0	0	0	0	-1	60514	33711	21660	23307	15135	3527	5011	5000	6538	4167	3527	7521 no	
70000	2	3	2	29	0	-1	-1	2	0	0	20064	24336	25510	24726	25377	24818	24336	3010	0	875	600	1000 no	
600000	1	1	1	36	0	0	0	0	0	0	372396	416438	459749	455910	463611	466570	50000	50000	15000	20000	15000	7000 no	
100000	2	1	2	42	0	0	0	0	0	0	91141	93027	94925	96837	98894	100500	2635	2688	2718	2854	2500	0 no	
130000	1	3	2	33	0	0	0	0	0	0	126592	123377	99064	46825	46790	47775	5264	2188	2500	1122	1500	1200 no	
20000	2	2	1	34	0	0	0	0	-1	0	-1	17625	14841	492	23150	17883	7729	1019	990	23965	371	7738	3638 no
20000	1	2	1	41	-1	-1	-1	-1	-1	-1	9598	0	2889	0	1448	0	0	2889	0	1448	0	0	no
120000	2	2	1	37	0	0	0	0	0	0	78233	53236	35222	72861	74429	60783	2015	2200	39000	2500	2400	2250 no	
110000	2	2	1	25	-1	4	3	2	3	2	96343	93959	91624	96190	95233	97760	0	0	7000	1500	4200	3500 yes	
60000	1	3	2	25	0	0	0	0	0	0	59817	47872	38605	28184	28862	29161	3000	2000	1500	1500	1300	2000 no	
30000	2	2	1	34	-1	-1	2	-1	-1	3	5088	996	888	656	1957	1536	996	0	656	1957	0	0 yes	
30000	2	1	1	37	0	0	0	0	0	0	8301	9156	8983	8141	6422	5187	1191	1079	239	209	206	160 no	
300000	2	3	1	52	0	0	0	0	0	0	293174	268652	285524	235773	221123	221269	15000	25000	8000	22000	10060	9000 no	
100000	2	3	2	27	0	0	0	0	0	0	83587	85389	86981	81522	81171	79766	3151	3065	2892	2936	3000	3000 no	
130000	2	2	1	51	-1	-1	-2	-2	-1	-1	99	0	0	0	2353	0	0	0	0	2353	0	0 no	
230000	2	2	1	42	0	0	0	0	2	0	5838	6369	6790	8171	7396	7757	1300	1200	2000	0	1000	2000 no	

5. Prediction by UI:- The user can also make predictions by filling out the form.

Credit Card Default Prediction

Marital Status

Married

Gender

Male

Education

Graduate School

Limit Balance

Amount in dollars

Age

in years

Repayment Status

April

Zero credit

May

Zero credit

June

Zero credit

July

Zero credit

August

Zero credit

September

Zero credit

Bill Amounts

(Amount of bill statements in NT dollars)

April

May

June

July

August

September

Previous Payments

(Amount of previous payments in NT dollars)

April

May

June

July

August

September

6. Result:- After filling out the form and clicking on the predict button the user can see the below results on the same page. Results will be shown based on the data.

