

The general architecture of the web application is as follows :



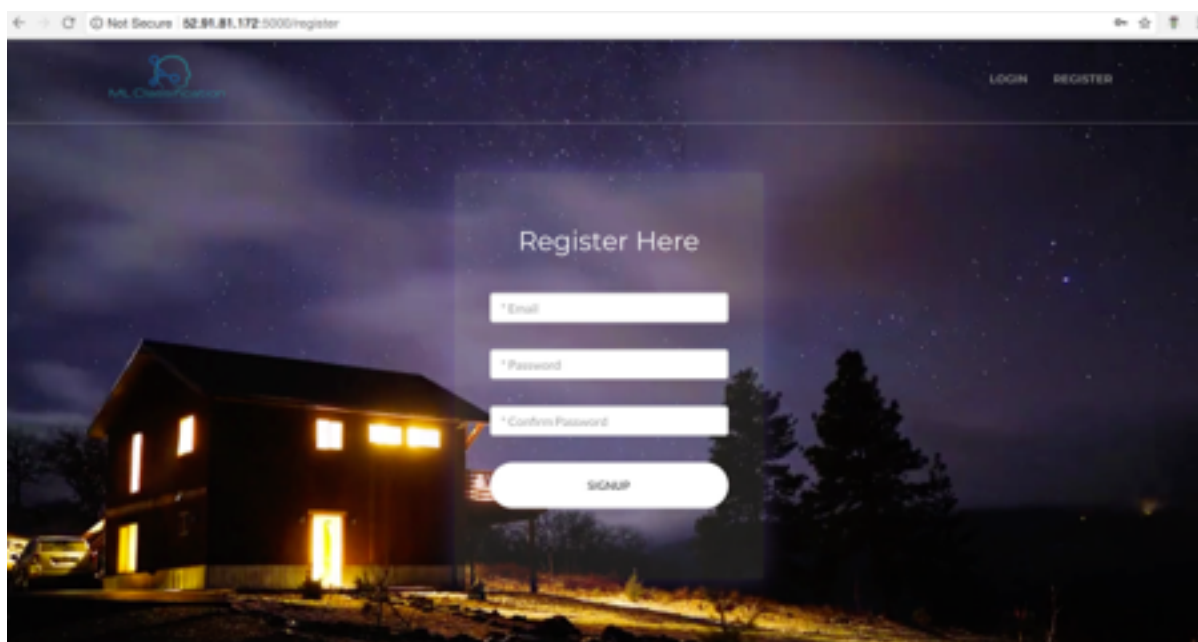
User Documentation:

This user friendly and easy to use application along with being extremely time efficient, efficiently solves the classification problem.

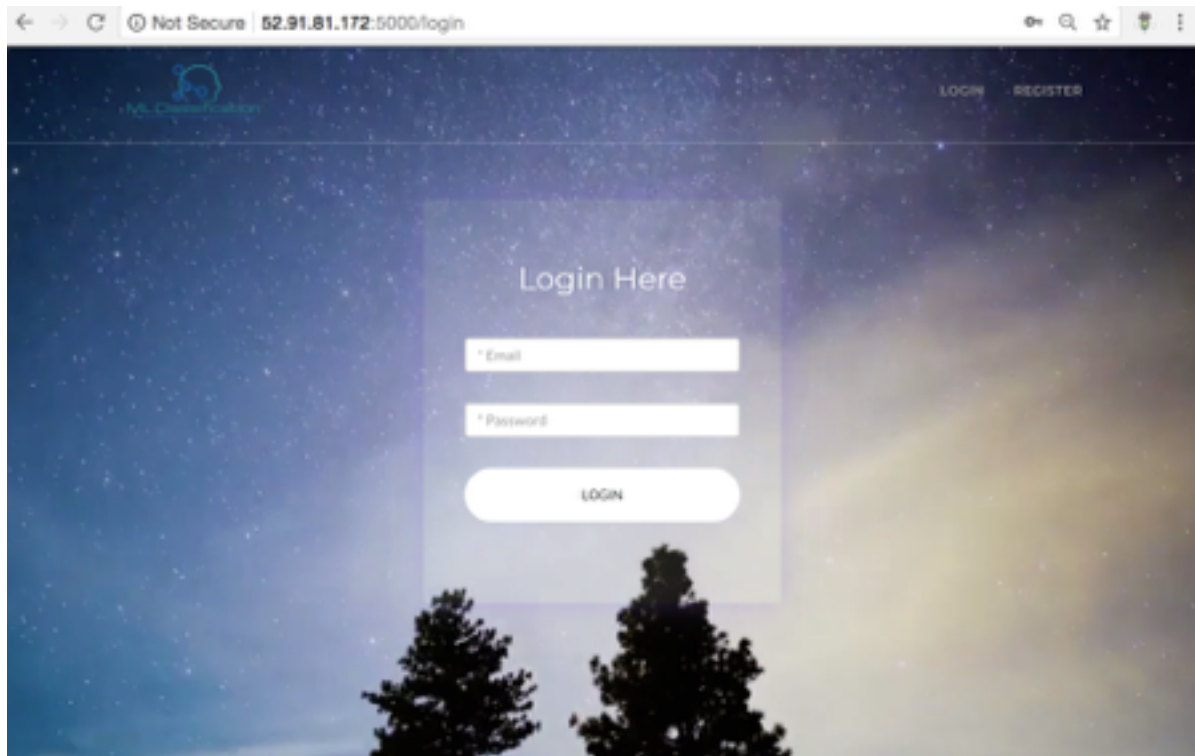
You can get a general idea regarding ml using the videos provided in the website.



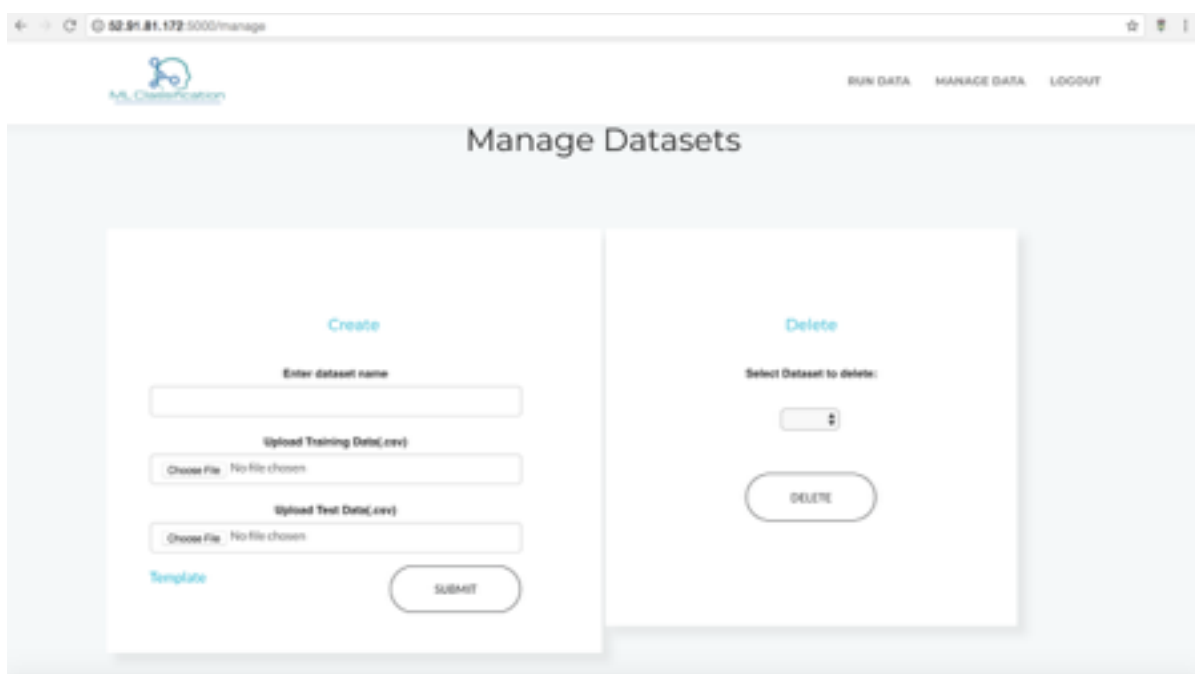
Register yourself if you are using the website for the first time.



After registering yourself you can login into the website



After logging in, you can go to MANAGE DATA and add any datasets(training data and test data) you want. You can also delete them. You can use these datasets for training the machine.



Once you have done this, you can go to RUN DATA and select a dataset and algorithms and run to begin the classification.

The screenshot shows the 'Run Data' interface of the ML Classification tool. At the top, there is a navigation bar with the tool's logo and links for 'RUN DATA', 'MANAGE DATA', and 'LOGOUT'. The main area is titled 'Run Data' and contains two dropdown menus: 'Select Dataset' (set to '0') and 'Select Algorithm' (set to 'Knn(1nn)'). To the right of these menus are two buttons: 'DOWNLOAD TRAINING' and 'DOWNLOAD TEST'. At the bottom right, there is a 'RUN' button.

After the Machine is trained using the training data, it classifies the test data into respective classes. You can download the results.

The screenshot shows the 'Results' interface of the ML Classification tool. It displays a table with 5 columns: 'sepal_length', 'sepal_width', 'petal_length', 'petal_width', and 'species'. The table contains 15 rows of data. Below the table, there is a 'Download Result' link.

sepal_length	sepal_width	petal_length	petal_width	species
4.8	3.0	1.4	0.1	setosa
5.1	3.8	1.6	0.2	setosa
4.6	3.2	1.4	0.2	setosa
5.3	3.7	1.5	0.2	setosa
5.0	3.3	1.4	0.2	setosa
7.0	3.2	4.7	1.4	versicolor
4.4	3.2	4.5	1.5	versicolor
6.9	3.1	4.9	1.5	versicolor
5.5	2.3	4.0	1.3	versicolor
6.5	2.8	4.6	1.5	versicolor
5.7	2.8	4.5	1.3	versicolor
5.8	2.8	5.1	2.4	virginica
6.4	3.2	5.3	2.3	virginica
6.5	3.0	5.5	1.8	virginica
7.7	3.8	6.7	2.2	virginica
7.7	2.6	6.9	2.3	virginica

A sample template can be viewed in [Data Template](#).

