

How to install and run?

- [1.] Copy the zip file to your system.
- [2.] Download and unzip the files.
- [3.] Install the packages that are mentioned in “requirements.txt” file
- [4.] Open the terminal/ command prompt and run the following code
 - `cd downloads`
 - `cd proj`
 - `cd code`
 - `streamlit run test.py`

```
surya@Jaspers-MacBook-Air ~ % cd downloads  
surya@Jaspers-MacBook-Air downloads % cd proj  
surya@Jaspers-MacBook-Air proj % cd code  
surya@Jaspers-MacBook-Air code % streamlit run test.py
```

You can now view your Streamlit app in your browser.

Local URL: **`http://localhost:8501`**

Network URL: **`http://192.168.0.102:8501`**

- [5.] This action redirects to our interface

test x +

← → ↻ http://localhost:8501 ☆

Deploy ⋮

Phishing Website Classification

PROJECT DETAILS ▾

Please select your method

Gaussian Naive Bayes ▾

Enter the URL

Enter your Uriscan API key

Gaussian Naive Bayes model is selected!

Check with ML Model

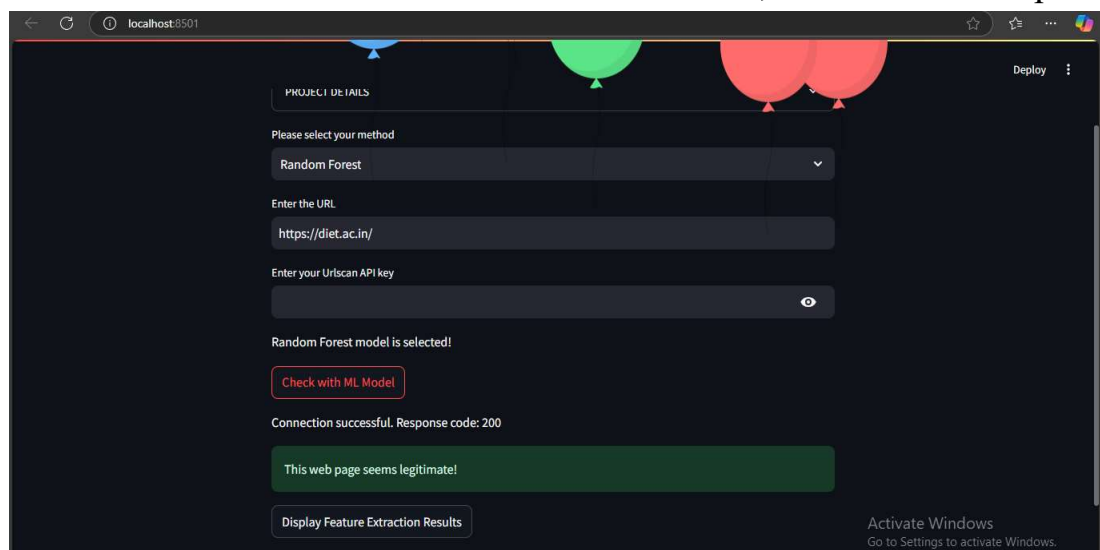
Display Feature Extraction Results

[6.] Select a method through which you want to classify your URL i.e

- ML model
- API integration

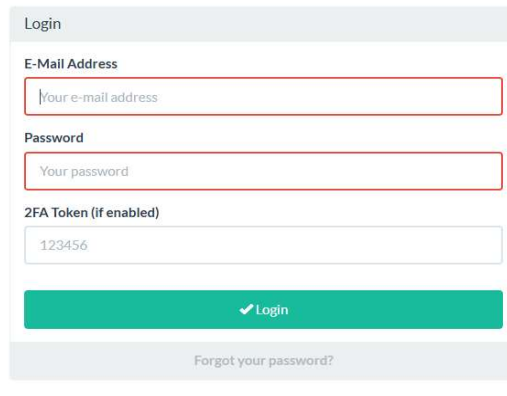
➤ Machine learning method:

- Select a machine learning algorithm from the dropdown.
- enter the URL that should be classified.
- Click on “check with ML model” button.
- You can see the results below, for example



➤ API Integration method:

- In please select a method dropdown box, select “check with URLScan.io”.
- To check the URL whether its legitimate or not through API method you first need to create a API key from “[URL and website scanner - urlscan.io](https://urlscan.io)” website and create an account, if you already have one create a new API key or use already existing key.
- Steps to create an account in urlscan.io is as follows
 - 1) Go to the login page and click on “create one! “ Below the “forgot your password” button



Login

E-Mail Address

Password

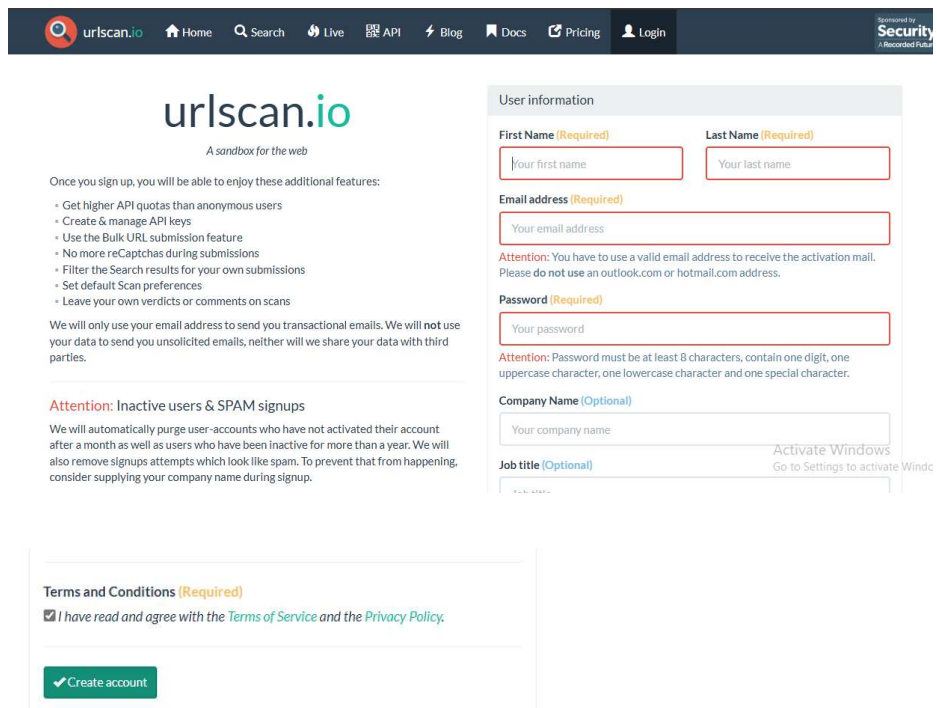
2FA Token (if enabled)

[Login](#)

[Forgot your password?](#)

Don't have an account yet? [Create one!](#)

- 2) Enter your details in the required sections , check the checkbox below and click on “create account” button



urlscan.io
A sandbox for the web

Once you sign up, you will be able to enjoy these additional features:

- Get higher API quotas than anonymous users
- Create & manage API keys
- Use the Bulk URL submission feature
- No more reCaptcha during submissions
- Filter the Search results for your own submissions
- Set default Scan preferences
- Leave your own verdicts or comments on scans

We will only use your email address to send you transactional emails. We will **not** use your data to send you unsolicited emails, neither will we share your data with third parties.

Attention: Inactive users & SPAM signups

We will automatically purge user-accounts who have not activated their account after a month as well as users who have been inactive for more than a year. We will also remove signups attempts which look like spam. To prevent that from happening, consider supplying your company name during signup.

Terms and Conditions (Required)

☒ I have read and agree with the [Terms of Service](#) and the [Privacy Policy](#).

[Create account](#)

User information

First Name (Required) **Last Name (Required)**

Email address (Required)

Attention: You have to use a valid email address to receive the activation mail. Please do not use an outlook.com or hotmail.com address.

Password (Required)

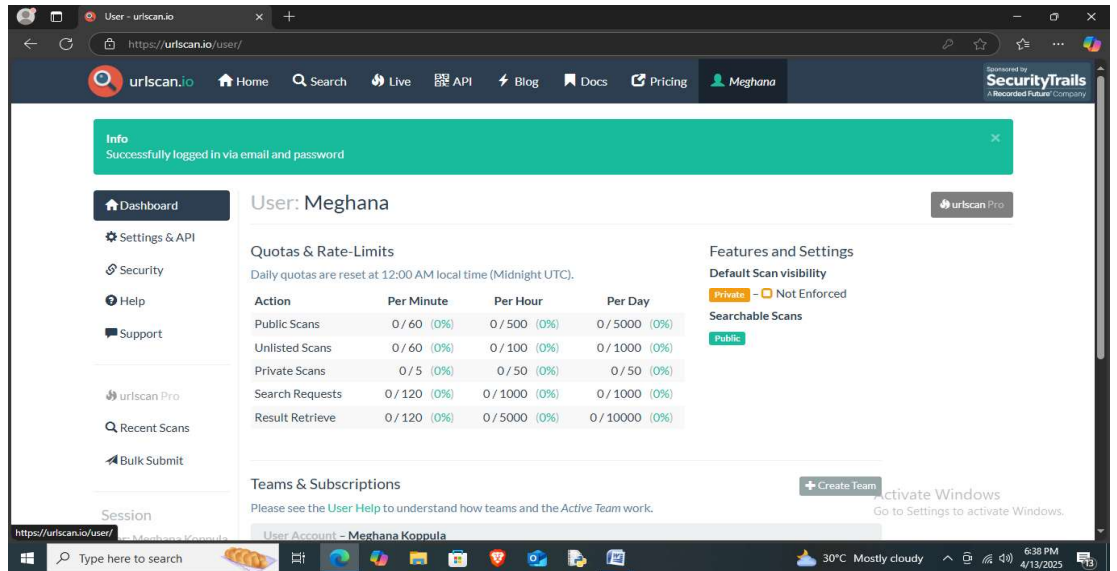
Attention: Password must be at least 8 characters, contain one digit, one uppercase character, one lowercase character and one special character.

Company Name (Optional)

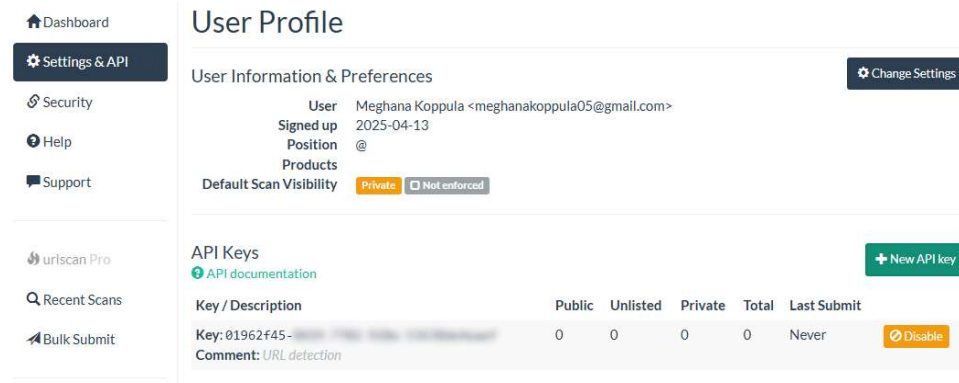
Job title (Optional)

[Activate Windows](#)
Go to Settings to activate Windows

- 3) Check your registered email and login using the credentials
- 4) Now , to create a API key go to user profile and click on “settings & API” where you can create a new API key



5) Click on “CREATE API KEY” button. Enter a description such that an API key is enabled.



- Now, copy and paste the key in the our user interface.
- Enter the URL
- Click on check URL with URLScan.io and you can see the output below, for example

Deploy

Check URL with Urlscan.io

Enter the URL

<https://diet.ac.in/>

Enter your Urlscan API key

.....

Check URL on Urlscan.io

Scan submitted successfully. Scan ID: 01962f82-ea60-761c-a3e6-790da628f66f

Waiting for the scan to complete...

Scan Results

URL: <https://diet.ac.in/>

Malicious: False

No categories associated with this URL.

[View full scan details here](#)

Activate Windows
Go to Settings to activate Windows.

You can also view the URL website in your URLScan.io account by clicking on “view full scan details here”.

➤ Feature extraction:

- After you enter the url, to obtain the features existing in the url click on “display feature extraction results”
- It displays all the features in the url.

Deploy

Display Feature Extraction Results

Extracted Features

	0	1
0	has_title	1
1	has_input	1
2	has_button	1
3	has_image	0
4	has_submit	0
5	has_link	1
6	has_password	0
7	has_email_input	0
8	has_hidden_element	0
9	has_audio	0
10	has_video	0
11	number_of_inputs	1
12	number_of_buttons	1
13	number_of_images	0
14	number_of_option	0
15	number_of_list	190
16	number_of_th	0
17	number_of_tr	0
18	number_of_href	40