

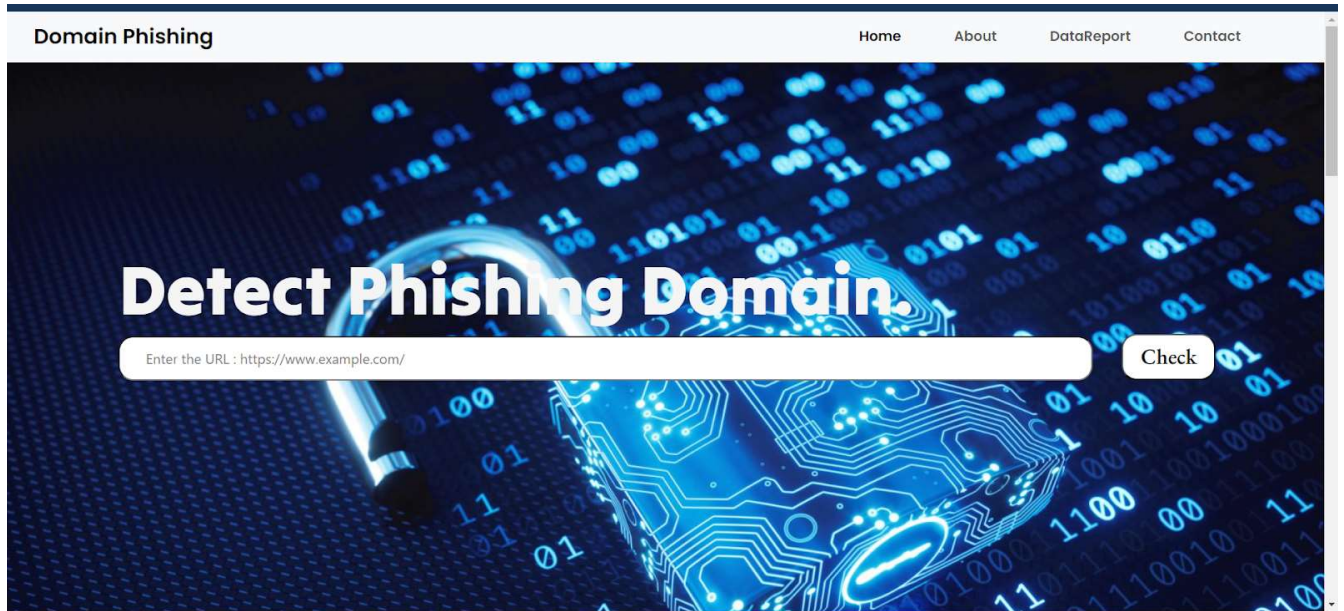


PhishingDomain Detection (MachineLearning) WireframeDocument

Project Members:

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- 4 . Priya Singh

- ❖ This is the First page which will be shown on the window,in which 4 option will be shown such as Home, About, Data Report and Contact Us



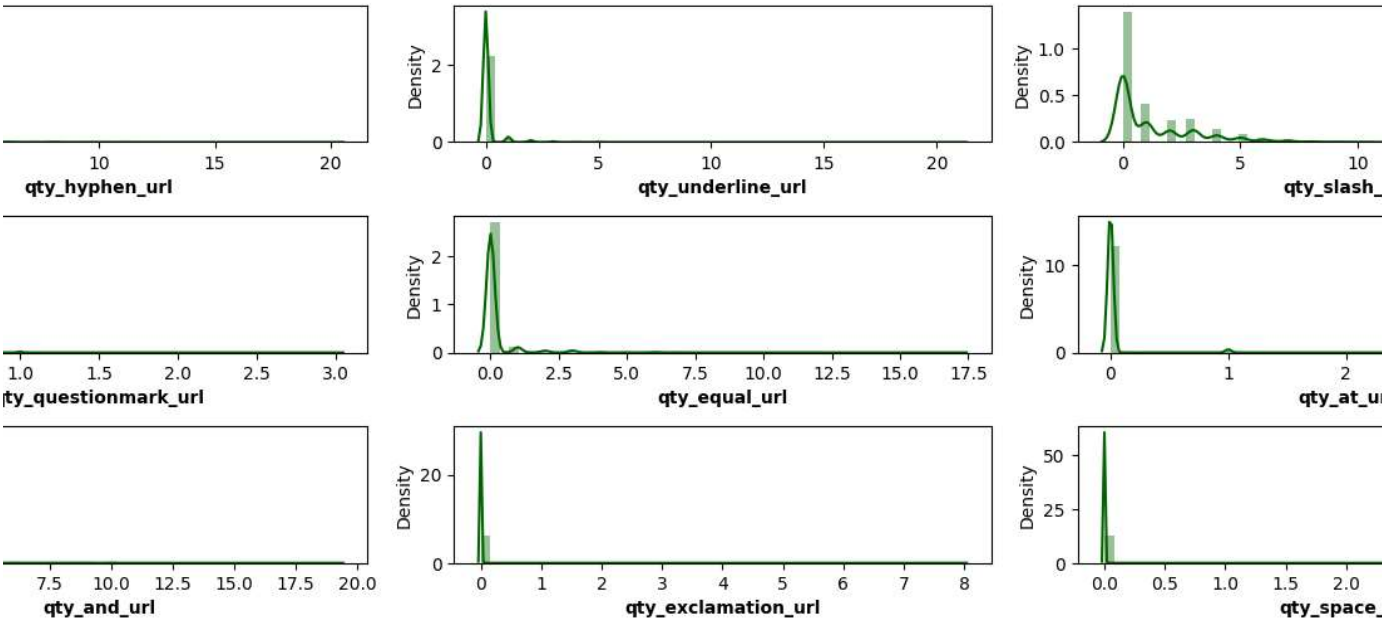
- ❖ The user can enter the link in the search bar as shown below.



❖ This is the result displayed.



❖ Site Objective Report



❖ About Phishing Domain Detection Dataset

About Phishing Domain Detection Dataset

Phishing stands for a fraudulent process, where an attacker tries to obtain sensitive information from the victim. Usually, these kinds of attacks are done via emails, text messages, or websites. Phishing websites, which are nowadays in a considerable rise, have the same look as legitimate sites. However, their backend is designed to collect sensitive information that is inputted by the victim. Discovering and detecting phishing websites has recently also gained the machine learning community's attention, which has built the models and performed classifications of phishing websites. This paper presents two dataset variations that consist of 58,645 and 88,647 websites labeled as legitimate or phishing and allow the researchers to train their classification models, build phishing detection systems, and mining association rules.

For data information [Click here](#)

❖ Data Report Page and Model Accuracy

Model	Accuracy	Precision	Recall	F1 Score
LogisticRegression	0.9192	0.8702	0.8993	0.8845
DecisionTreeClassifier	0.9431	0.9276	0.9053	0.9163
RandomForestClassifier	0.9542	0.9335	0.9332	0.9333
SVC	0.9314	0.8966	0.9048	0.9007
AdaBoostClassifier	0.9272	0.8934	0.8953	0.8943

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```

extracted_features=[qty_dot_url,
                    qty_hyphen_url,
                    qty_underline_url,
                    qty_slash_url, qty_percent_url,
                    qty_tld_url, length_url,
                    qty_dot_domain, qty_hyphen_domain,
                    qty_vowels_domain, domain_length,
                    qty_hyphen_directory, qty_underline_directory,
                    qty_plus_directory, qty_asterisk_directory,
                    qty_percent_directory, directory_length,
                    qty_hyphen_file, file_length, qty_dot_params,
                    qty_underline_params, qty_equal_params,
                    qty_plus_params, qty_percent_params,
                    time_domain_activation]

```

❖ About Us

Domain Phishing

[Home](#)

[About](#)

[DataReport](#)

[Contact](#)

Who We are ?

We are a team of college students pursuing B.Tech in Computer Science and Engineering. Skilled in various technologies and frameworks (which includes MERN stack web development, App development, Competitive programming, etc). our motive is destined to build great projects and dive deep in this exciting tech world of Computer Science.

We strongly believe that our skills, experience, strong work ethic, customer service experience, communication skills and eagerness to learn will serve the community in the best way possible.



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THANK YOU