



Phishing Domain Detection (Classification [Machine Learning]).

Wire-Frame

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This is the home page of the project.

A screenshot of a web browser window displaying a web application titled "Phishing Website Detection". The browser's address bar shows the URL "127.0.0.1:5000". The application's main heading is "Predict Whether The Domains Are Real Or Malicious...". Below this heading, there are eight input fields arranged in two columns. The left column contains four fields: "Enter the directory_length", "Enter the qty_dot_directory", "Enter the qty_hyphen_directory", and "Enter the qty_hyphen_file". The right column contains four fields: "Enter the qty_slash_url", "Enter the file_length", "Enter the qty_percent_file", and "Enter the qty_underline_directory". Each input field has a text box with the number "0" inside. At the bottom of the form, there is a prominent blue button labeled "Predict".

In this page user needs to fill all the details of that domain name to check if that domain is fake or real. After filling the details user needs to hit the predict button to get the prediction.

- The prediction part will also be shown on the same page.

Predict Whether The Domains Are Real Or Malicious...

Attribute	Value
Enter the directory_length	8
Enter the qty_slash_url	5
Enter the qty_dot_directory	3
Enter the file_length	3
Enter the qty_hyphen_directory	2
Enter the qty_percent_file	-1
Enter the qty_hyphen_file	6
Enter the qty_underline_directory	-1

Predict

Prediction: The Doman is real...!

Predict Whether The Domains Are Real Or Malicious...

Attribute	Value
Enter the directory_length	35
Enter the qty_slash_url	5
Enter the qty_dot_directory	3
Enter the file_length	3
Enter the qty_hyphen_directory	2
Enter the qty_percent_file	-1
Enter the qty_hyphen_file	6
Enter the qty_underline_directory	-1

Predict

Prediction: The Doman is Fake..!

The range of the attributes is from -1 to some positive number.

- User can train the model by hitting /train route it will take some time to train the model.
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The screenshot shows a web browser window with the title 'Phishing Website Detection'. The address bar displays '127.0.0.1:5000/train'. The main content area has a light gray header with the text 'Predict Whether The Domains Are Real Or Malicious...'. Below the header, there are eight input fields arranged in two columns. The left column contains: 'Enter the directory_length' (value: 35), 'Enter the qty_dot_directory' (value: 3), 'Enter the qty_hyphen_directory' (value: 2), and 'Enter the qty_hyphen_file' (value: 6). The right column contains: 'Enter the qty_slash_url' (value: 5), 'Enter the file_length' (value: 3), 'Enter the qty_percent_file' (value: -1), and 'Enter the qty_underline_directory' (value: -1). A blue 'Predict' button is centered below the input fields. At the bottom, the prediction result is displayed: 'Prediction: The Doman is Fake..!'. Note the spelling 'Doman' in the prediction.

Feature	Value
directory_length	35
qty_dot_directory	3
qty_hyphen_directory	2
qty_hyphen_file	6
qty_slash_url	5
file_length	3
qty_percent_file	-1
qty_underline_directory	-1

Predict

Prediction: The Doman is Fake..!

This is the End of Wireframe. Thank you.