# TEAM BLITBLAZERS

Presents you



**Domain:** Blockchain and Cyber Security **Problem Statement:** Create an intelligent system using AI/ML to detect phishing domains which imitate look and feel of genuine domains (PSID= 1454)

# **OUR UI DESIGN**





#### **PHISGUARDIAN**





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eys indicate that a significant percentage of respondents we phishing emails on a regular basis. This underscores the spread nature of the threat.

valence of Phishing Emails



### Very smart people are often tricked by hackers, by phishing.

against phishing. Teaching individuals and employees how to recognize and respond to phishing attempts is a key aspect of a hacker. Not about being smart.

> "Phishing is a major problem because there really is no patch for human stupidity".

Education and Awareness

Social Engineering

#### ABOUT PHISGUARDIAN

Amateurs hack systems, professionals hack

PHISING SCAM

In response to the relentless ingenuity of hackers, who forever seek to breach the citadels of technology, Philidiandian invokes the transformative power of Biockchain. Here, data finds refuge in decentralization, rendering it impervious to all but the most futile attempts at intrusion. Thus, a recounting challenge echoes to those who would dare breach the fortress of Philidiandian

once within its grasp, escape is an impossibility, for it stands as an unyielding shield against the mechinations of cyber adversaries

About PhisGuardian

About Us

FAQ

No longer confined to the confines of URL scrutiny, it ventures into the very heart of websites, conducting include backend examinations. Through the discerning gaze of computer vision, it parser images, seeking hidden faces that exide the causal observer. This symphosy of techniques elevates the fastion of security to supercedented heights, folying a defense that is both comprehenous and incomponishing in this convergence of technologies, Philodoxidual stands as a paragen of sufequenting ever vigilar, and Corever on the variously

### For Consumers

Report Scam How to get your money

ScamAdvisor Browser

How to Recognize a Scam-Website

Chat on WhatsApp

#### For Businesses

Claim your Website API & Data Feed

Install Our Logo Become our Partner

Advertise on PhisGuardian

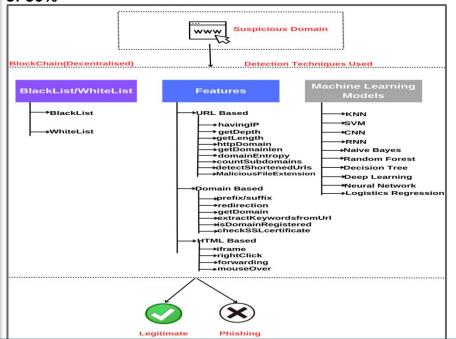




Al Model

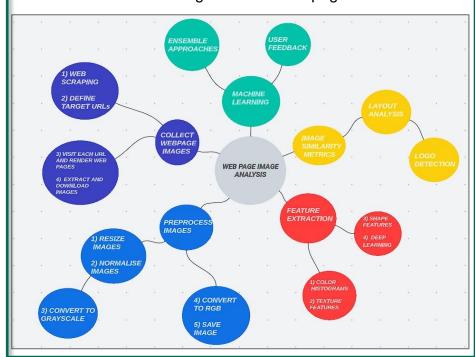
## FEATURE EXTRACTION

We start by gathering URLs and perform feature extraction based on URL, domain, and HTML content. These features are combined to create a dataset. Machine learning models, including KNN, Logistic Regression, SVM, Random Forest, Decision Tree, RNN, NN, and boosters like AdaBoost and XgbBoost, are applied. XgbBoost yields the highest accuracy of 86%



### **WEB PAGE ANALYSIS**

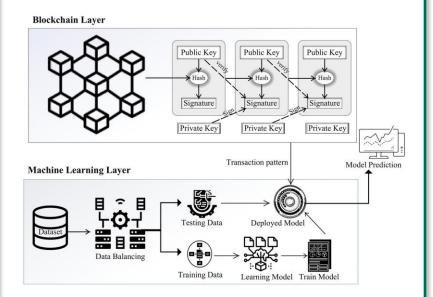
Our web page analysis process begins with image collection and extraction using web scraping tools. We extract key features from these images, preprocess the data, and apply machine learning algorithms. The results are integrated with other features, enabling comprehensive analysis and informed decision-making based on web page content.



# **EMERGING TECHNOLOGIES**

# **Blockchain Implementation**

WE Have decentralized our dataset to improve security



## How we will deploy our model into website?

Using the flask API we will be integrating our website and machine learning model

