## LEVEL 1 PHISHING ORGANIZATION Users can also submit new phishing scams to the website for Repository URL **BLACK LISTING PROCESS** review and verification by the community. Entity Phishing scams Classifying, if the website is BL/WE **UNIFORM RESOURCE LOCATOR** UNKNOWN UNKNOWN Allows users to search for known phishing scams by entering a keyword, Using the list of URL'S available, we will classify User will put in his desired URL URL, or IP address Search results display information Query Display information about the phishing scam, including the URL, submission time, and status (verified, expired, or unknown). **Community Driven** Service Helps individuals and organizations to identify and avoid phishing scams CLASSIFICATION **PHISHING** Classifying whether the website is legitimate (if yes progressing into the level 2 of Architecture) or else it is classified as phishing in the level 2 IT IS CLASSIFIED AS PHISHING BLOCKED It is classified as phishing and thus preventing the user from accessing it LEVEL 2 DATASET **TOKENIZATION OF URL** WE WILL TOKENIZE THE URL PARTIAL **CONTAINS THE LIST OF MALICIOUS URL** UNKNOWN USING NLP TECHNIQUES (VISUAL EMANCIPATION) It has total number of 549347 elements USING THE NLP TECHNIQUES WE WILL TOKENIZE THE URL **PHISHING** MODEL IT IS CLASSIFIED AS PHISHING BLOCKED It is classified as phishing and thus preventing the user from Classifying whether the website is legitimate (if yes progressing into the level 3 of Architecture) or else it is classified as phishing in the level 3 accessing it LEVEL 3 DATASET UNKNOWN **CONTAINS THE LIST OF MALICIOUS URL** IT HAS The TOTAL NUMBER OF ELEMENTS OF 549347 **TRAINING** PARTIAL WE WILL TRAIN THE MODEL WITH THE 32 ATTRIBUTES, WE TRAIN THE MODEL ATTRIBUTE 32 ATTRIBUTE 1 ATTRIBUTE 31 ATTRIBUTE 2 MODEL Classifying whether the website is legitimate (if yes progressing into the level 3 of Architecture) or else it is classified as phishing in the level 3 **PHISHING** IT IS CLASSIFIED AS PHISHING BLOCKED It is classified as phishing and thus preventing the user from accessing it

having\_IP\_Address {-1,1}
URL\_Length {1,0,-1}
Shortening\_Service {1,-1}
having\_At\_Symbol {1,-1}
double\_slash\_redirecting {-1,1}
Prefix\_Suffix {-1,1}
having\_Sub\_Domain {-1,0,1}
SSL final\_State {-1,1,0}
Domain\_registration\_length {-1,1}
Favicon {1,-1}
port {1,-1}
HTTPS\_token {-1,1}
Request\_URL {1,-1}
URL\_of\_Anchor {-1,0,1}
Links\_in\_tags {1,-1,0}
SFH {-1,1,0}
SFH {-1,1,0}
SFH {-1,1,0}
Redirect {0,1}
on\_mouseover {1,-1}
Right-click {1,-1}
popUpWidnow {1,-1}
Iframe {1,-1}
age\_of\_domain {-1,1}
Record {-1,1}
web\_traffic {-1,0,1}
Page\_Rank {-1,1}
Google\_Index {1,-1}
Links\_pointing\_to\_page {1,0,-1}
Statistical\_report {-1,1}
Result {-1,1}

ATTRIBUTES