

Before you collaborate A little preparation goes a long way with this session. Here's what you need to do to get going. ⊕ 10 minutes Team gathering Define who should participate in the session and send an invite. Share relevant information or pre-work ahead. Set the goal Think about the problem you'll be focusing on solving in the brainstorming session. Learn how to use the facilitation tools Use the Facilitation Superpowers to run a happy and Open article

Define your problem statement What problem are you trying to solve? Frame your problem as a How Might We statement. This will be the focus of your brainstorm. To run an smooth and productive session Defer judgment. \_\_\_\_ Listen to others.

PROBLEM How might we [your problem statement]? Encourage wild ideas. 

Brainstorm Write down any ideas that come to mind that address your problem statement. → 10 minutes RAKSHANA.G PREETHI D Phishingisatypeofsocial engineeringattackoftenusedtosteal Presence of IP address in URL userdata,includinglogincredentials If IP address present in URL andcreditcardnumbers. Itoccurs then the feature is set to 1 else set whenanattacker, masquerading as a to 0. Most of the benign sites do trustedentity, dupesavictiminto not use IP address as an URL to openinganemail, instantmessage, or download a webpage. Use of II textmessage. Therecipientisthen address in URL indicates that trickedintoclickingamaliciouslink. attacker is trying to steal whichcanleadtotheinstallationof sensitive information. malware, the freezing of the system as partofaransomwareattackorthe revealingofsensitiveinformation.

MACHINE LEARNING ALGORITHM Three machine learning classification model Decision Tree, Random forest and Support vector machine has been selected to detect phishing websites.

JAYASHREE.

This paper aims to enhance detection method to detect phishing websites using machine learning technology. We achieved 97.14% detection accuracy using random forest algorithm with owest false positive rate. Also result shows that classifiers give better erformance when we used more data as training data. In future hybrid technology will be implemented to detect phishing websites more accurately for which random forest algorithm of machine learning technology and blacklist method will be used.

## Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. Once all sticky notes have been grouped, give each cluster a sentence-like label. If a cluster is bigger than six sticky notes, try and see if you and break it up into smaller sub-groups.

### DATA SET

URLs of benign websites were collected from www.alexa.com and The URLs of phishing websites were collected from www.phishtank.com. The data set consists of total 36,711 URLs which include 17058 benign URLs and 19653 phishing URLs Benign URLs are labelled as "0" and phishing URLs are labelled as "1"

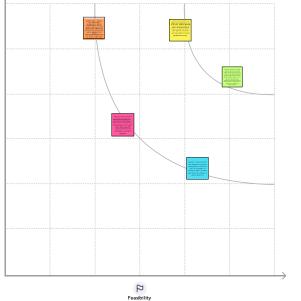
### DECISION TREE ALGORITHM

One of the most widely used algorithm in machine learning technology. Decision tre algorithm is easy to understand and also eas to implement. Decision tree begins its work by choosing best splitter from the available attributes for classification which considered as a root of the tree. Algorith continues to build tree until it finds the leaf node. Decision tree creates training mode which is used to predict target value or class the tree belongs to attribute and each le node of the tree belongs to class label. In decision tree algorithm, gini index and information gain methods are used to calculate these nodes.

# IMPLEMENTATION AND RESULT

IMPLEMENTATION AND RESULT Scikit-learn tool has been used to import Machine learning algorithms. Dataset is divided into training set and testing set in 50:50, 70:30 and 90:10 ratios respectively. Each classifier is trained using training set and testing set is used to evaluate performance of classifiers. Performance of classifiers has bee evaluated by calculating classifier accuracy score, false negative rate and false positive

Your team should all be on the same page about what's important moving forward. Place your ideas on this grid to determine which ideas are important and which are feasible.



Regardless of their importance, which tasks are more feasible than others? (Cost, time, effort, complexity, etc.)



survey on the state-of-the-art taxonomy and



MONISHA.N



















After vou collaborate

You can export the mural as an image or pdf to share with members of your company who might find it helpful.

Quick add-ons

Share the mural Share a view link to the mural with stakeholders to keep them in the loop about the outcomes of the session.

Evport the mural Export a copy of the mural as a PNG or PDF to attach to emails, include in slides, or save in your drive.

Keep moving forward

Strategy blueprint Define the components of a new idea or

Open the template

Customer experience journey map Understand customer needs, motivations, and obstacles for an experience.

Open the template

Strengths, weaknesses, opportunities & threats Identify strengths, weaknesses, opportunities, and threats (SWOT) to develop a plan.

Open the template

Share template feedback