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FALL SEMESTER 2022 – 2023

CSE - 3501
Information Security Analysis and Audit

Review - 1

Team members:

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Tools to be used: Antivirus and Anti spam tools

Aim:

- To create a spam detection tool using ML and various classification algorithms to detect spam messages received on the mobile.
- To create a untraceable backdoor which can bypass all antivirus and also the windows defender firewall.

Abstract:
The detection of spam is a significant problem in mobile message communication, which makes it insecure. A precise and accurate method for detecting spam in mobile message communication is required to address this issue. For accurate detection, we suggested using machine learning-based spam detection techniques. In this method, ham and spam messages in mobile device communication are classified using machine learning classifiers such as Logistic regression (LR), K-nearest neighbour (K-NN), and decision tree (DT).

Antivirus software is widely used in all systems around us, but there are numerous ways for us as hackers to circumvent these security measures and exploit a vulnerability. The goal of this project is to create a backdoor for the Windows operating system that bypasses all antivirus software and the Windows Defender firewall that is set up by the OS itself. By doing so, we demonstrate how an attacker can perform malicious activity in our computer systems despite the presence of an antivirus and Windows Defender.