

# BHASKARACHARYA NATIONAL INSTITUTE FOR SPACE APPLICATIONS AND GEO-INFORMATICS

**WEEKLY PROGRESS REPORT (30/01/2023 - 05/02/2023)** 

#### WEEK 2

**PROJECT NAME** 

MALWARE DETECTION USING ML

PROJECT DESCRIPTION:

DESIGN AND IMPLEMENT ML MODEL TO

**DETECT MALWARE IN SYSTEM** 

GROUP MEMBER : PRATHAM PATEL

GROUP ID:

GROUP GUIDE: HARSH KIRATSATA

GROUP COORDINATOR: SIDHDHARTH PATEL

COLLEGE GUIDE NAME: MAYANK PATEL, RITIKA LADHA, KINJAL

**CHAUDHARI** 

COLLEGE GUIDE No.: +91 9033280445,8866438698, 9723173567

COLLEGE GUIDE EMAIL. : <u>mayank.patel@adaniuni.ac.in</u>,

ritika.ladha@adaniuni.ac.in, kinjal.chaudhari@adaniuni.ac.in

<u>kiiijaiteilavaitaitiks, aaaitiviiitaviii</u>

COLLEGE NAME : ADANI INSTITUTE OF INFRASTRUCTURE AND

**ENGINEERING** 

# 30/01/2023 TILL 05/01/2023 (7 DAYS)

# Learning Basic malware definition and brainstorming

30/01/2023	Analyzing project character
31/01/2023	Discussing types of malware and related threats to system
01/01/2023	Noting difference between malware and virus
02/01/2023	Learning about worms, trojan horse, spyware
03/01/2023	Exploring malvertising and trojan horse in detail
04/01/2023	Basic of modus operandi of a malware
05/01/2023	Sunday (holiday)

WEEK 3 (PLAN)	We are going to explore more about virus and malware and their types in
	the next week.

#### **REFERENCE:**

- <a href="https://us.norton.com/blog/malware/types-of-malware">https://us.norton.com/blog/malware/types-of-malware</a>
- https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwiY7prZvv38AhXg4nMBHS5yDVkQFnoECBYQAQ&url=https%3A%2F%2Fwww.kaspersky.com%2Fresource-center%2Fthreats%2Ftypes-of-malware&usg=AOvVaw1J6yvdiASO1IIP\_o9TKVZa
- <a href="https://purplesec.us/common-malware-types/">https://purplesec.us/common-malware-types/</a>
- <a href="https://www.paloaltonetworks.com/cyberpedia/what-is-malware">https://www.paloaltonetworks.com/cyberpedia/what-is-malware</a>
- <a href="https://www.extrahop.com/company/blog/2020/ransomware-explanation-and-prevention/">https://www.extrahop.com/company/blog/2020/ransomware-explanation-and-prevention/</a>

#### Screenshots:

#### Types of malware

# DIFFERENT TYPES OF MALWARE PROGRAMS:



#### VIRUSES

These bugs normally are attached to an email.



#### **SPYWARE**

It can monitor all forms of communication and interaction on a device



## **RANSOMWARE**

Encrypts your files, and then demands a ransom to return the data to the user.



#### **TROJANS**

This application is actually stealing personal data, spying, or even crashing your computer.



#### SCAREWARE

The user would be taken to a page to purchase a fake program.



#### **ADWARE**

Will pepper the user with unwanted ads to attempt to get them to part with their money.

### Basic modus operandi:

