

## **Cybersecurity Awareness Game – A Web-Based Game That Teaches Cybersecurity Best Practices**

The **Cybersecurity Awareness Game** is an **interactive educational web-based game** designed to teach users **cybersecurity best practices** in a fun and engaging way. Targeted at students, employees, and general users, this game **raises awareness about cyber threats such as phishing, malware, and social engineering**.

### **Key Features:**

- **Role-Playing Cybersecurity Challenges** – Users play as cybersecurity analysts to detect and stop cyber threats.
- **Interactive Scenarios** – Real-world cyber attack scenarios like phishing emails, password breaches, and ransomware attacks.
- **Multiple Game Levels & Challenges** – Covers different security topics, progressing from beginner to advanced levels.
- **Quiz & Learning Modules** – Tests users on their cybersecurity knowledge with rewards for correct answers.
- **Leaderboard & Rewards System** – Encourages engagement with a scoring system and virtual rewards.

Developed using **JavaScript (React.js, Phaser.js for game logic)**, **Flask/Django**, and **PostgreSQL**, the game helps users **understand cybersecurity in an interactive way**.

This project promotes **cybersecurity education and awareness** by providing an **engaging learning experience** that helps users **protect themselves from online threats**.