Jay Patel

Ambitious final-year student in Cyber Security and Data Science, skilled in statistical analysis and security protocols. Eager to propel data-driven decisions and enhance organizational security through innovative solutions.

Skills

Incident Response
VAPT
Compliance
IDS / IPS
Cryptography
Python
R
Matplotlib
Tableau
MySQL

Tools

Pandas | Scikit-learn

Metasploit | Burp Suite

Nmap | Nessus

Education

B.Tech : Computer Science and Enginnering (Cyber Security)
– Parul University

Achievements

- 2x Hackothon Runner Up
- Organiser of The Hacker's Meetup
- Finalist of Airbus A350F Livery program

Contact

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Projects

Credit Scoring Model for NovoBanco Bank

Aiming to automate loan approval and minimize financial risk using logistic regression to assess loan applicant's creditworthiness.

Key insights included identifying risk factors like debt-to-income ratio and credit history, leading to faster, more accurate loan decisions and reduced default rates.

DarkOps Suite

Monitors dark web activity and securely encrypting malware, supports cybersecurity and law enforcement. It uses Python for web scraping, cryptographic encryption (RSA, AES), and multiprocessing.

Benefits include efficient dark web data collection, secure script handling, and enhanced threat response capabilities.

OSINT – Unified Intelligence Gathering Hub

A tool that gathers, analyzes publicly accessible information from various online sources while maintaining ethical standards.

Benefits include real-time monitoring, global reach, cost-effectiveness, customization and proactive threat detection for cybersecurity.

Alaska Airline Passengers Satisfaction Analysis

Objective was to analyze passenger satisfaction levels and identify key areas for improvement due to the merger of Alaska and Hawaiian airlines.

Tools used were R along with ggplot2 for sentiment analysis and visualization.