



# Cybersecurity Bootcamp

## Online Immersion Experience

Become a Cybersecurity Expert by performing **Controlled Hacking Attacks** and learning to mitigate them

**Learn as you Do**  
like in an 'on-the-job training'

Prior technical or  
coding knowledge  
NOT required!!!



**Cybersecurity** is among the **Forbes' list of Top 25 Technology Trends** that will define the next decade

## — **Cybersecurity Bootcamp** —

**Online Immersion Experience**  
on the disruptive data science & technologies

Engage in a **Hands-on Project**  
Develop insights for **real-world application**  
as you progress through the **project milestones**

### — **You will learn to** —

- Identify Cybersecurity Threats
- Configure a Firewall
- Set-up a VPN
- Secure Data using Encryption Techniques
- Design a Cryptosystem using RSA and AES



**5 days**  
5 hours a day



**Weekends**  
SAT & SUN



Live  
**Online**



Batches starting from  
**6<sup>th</sup> July 2024**

# — The Project —

Perform a **Controlled Hacking Attack**,  
and respond to mitigate the simulated attack

## — Tools and Software —



Metasploit



OWASP  
Zed Attack Proxy

## — Project Milestones —

**Day 1** Identify key cybersecurity threats | Describe best practices for securing personal and organizational data

**Day 2** Configure a basic firewall and set up a VPN | Appreciate the role of firewalls in protecting network traffic

**Day 3** Apply encryption techniques to secure data | Understand the operation of algorithms like RSA and AES

**Day 4** Engage in a controlled hacking exercise | Draft an incident response to mitigate the simulated attack

**Day 5** Understand key cybersecurity laws and compliance requirements | Evaluate the ethical implications

**Desktop or Laptop required**

Prior technical or coding knowledge NOT required

# Get Mentored by successful **Tech Leaders**



Our Mentors hold a  
rich professional experience of  
**leading technological innovations**  
in diverse sectors

# — Credential —



**Add value to your CV**  
with a Certificate from NSE Academy

## Bootcamp Fees

₹ **8,000 /-**

inclusive of GST

(Fee Break-up: Rs. 6,780 + GST)

**Enroll NOW** 

Batches will commence once fully enrolled

# About **National Stock Exchange**

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NSE is an **institution of national importance** with international stature. It is a trusted market infrastructure institution with high standards of corporate governance. A homegrown brand with a global vision, NSE is counted as **one of the world's largest exchanges** and a catalyst for driving India's economic growth.

## NSE: **A Pioneer in Technology**

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NSE ensures the reliability and performance of its systems through a culture of **innovation and investment in technology**.

A few technological innovations at NSE



First Exchange in India to implement  
**Electronic or Screen-based Trading**



**State-of-the art Technology Platform**  
that offers robustness, safety and resilience for trading



Transparent, immutable e-voting for corporates using  
**Blockchain Technology**



**Cloud-based Research Facility**  
to encourage research based on  
Indian capital markets

# About **NSE Academy**

NSE Academy is a **wholly-owned subsidiary of the National Stock Exchange**. We enable the next generation of BFSI and FinTech professionals to acquire industry-aligned skills – through capacity-building programs and certification courses. Our courses are well-researched and carefully crafted with inputs from industry professionals.



For more information

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## **NSE Academy Limited**

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