



# Data Analytics Bootcamp

## Online Immersion Experience

Transform raw data into actionable insights using advanced **Data Wrangling, Visualization & Predictive Analysis Techniques**

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

Prior technical or coding knowledge NOT required!!!



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

## — Data Analytics 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 —

- Differentiate Structured & Unstructured Data
- Clean a Dataset
- Create a basic Visualization
- Perform Descriptive and Inferential Analysis
- Build a Predictive Model



**5 days**  
5 hours a day



**Weekends**  
SAT & SUN



Live  
**Online**



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

# — The Project —

**Analyse a Data Set** using data wrangling, visualization and predictive analytics, and present your findings

## — Tools and Software —

 tableau<sup>++</sup>public

 Google Analytics

 APACHE Spark™

 R Studio

## — Project Milestones —

**Day 1** Explain the data analytics process | Distinguish between structured and unstructured data

**Day 2** Clean a dataset | Create basic visualizations to identify trends and outliers

**Day 3** Perform descriptive and inferential statistical analysis to interpret data sets

**Day 4** Build a simple predictive model using a machine learning algorithm to forecast data trends

**Day 5** Present findings, interpretations and trends identified through the data analytics project

**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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