

# GreyCampus

# Data Science Bootcamp

Transforming Data into Decision Power

- Live Online Classes
- Industry-Aligned Curriculum
- 10+ Projects



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# Introduction

## The Career Leap You Need

Data Science is the fastest-growing field globally. Companies across every sector—from finance to healthcare to tech—are urgently seeking professionals who can interpret complex data and drive strategic decisions. This isn't just a job; it's a future-proof career.

### Market Demand

The demand for skilled Data Science professionals in India is soaring. Job portals report that data science roles have witnessed a staggering 75% growth in demand over the last three years, significantly outpacing other tech domains. The demand heavily outweighs the supply of qualified talent, creating massive opportunity.

### Salary Potential

Graduates with a Data Science certification consistently command higher salaries. The median salary for a mid-level Data Scientist in India currently stands at over ₹18,00,000 annually, with entry-level salaries often starting above ₹8,00,000.

Are You Ready To:

- Move beyond basic reporting and toward predictive modeling?
- Work with technologies like Python, SQL, and cloud platforms?
- Join the ranks of the highest-paid technical professionals?

### GreyCampus: Where Ambition Meets Expertise

Established in 2014, is a global upskilling platform that builds productive talent for the industry through customised, structured and rigorous training solutions. We focus on effectively mobilizing skills, resources, and knowledge to produce skilled workforce who can stand out in the hyper-competitive tech sector.

**An Opportunity to Learn from the Industry Leaders**

# Data Science Bootcamp

## Detailed Curriculum



### Statistics

- Data and Data Types
- Stats with Google sheets
- Data Visualization with Charts
- Distributions and Correlation

### SQL

- Databases and SQL
- Functions and Data Types
- Joins and Aggregations
- Working with Subqueries
- Queries with CTEs
- Advanced SQL with Window Functions

### Power BI

- Introduction to Business Intelligence & Power BI
- Power BI Workflow and Key Components
- Power BI and Data Source Integration
- Data Preparation with Power Query
- Transform Table Tools
- Data Modelling
- Introduction to DAX
- Advanced DAX for Deeper Insights
- Building Powerful Visualizations in Power BI
- Exploring Power BI Service



# Data Science Bootcamp

## Detailed Curriculum

### Capstone Project

- Google Sheets, Statistics, EDA with Power BI, and SQL

### Python

- Getting Started with Python Basics
- Control Flow with Conditions and Loops
- Python Collections

### EDA in Python

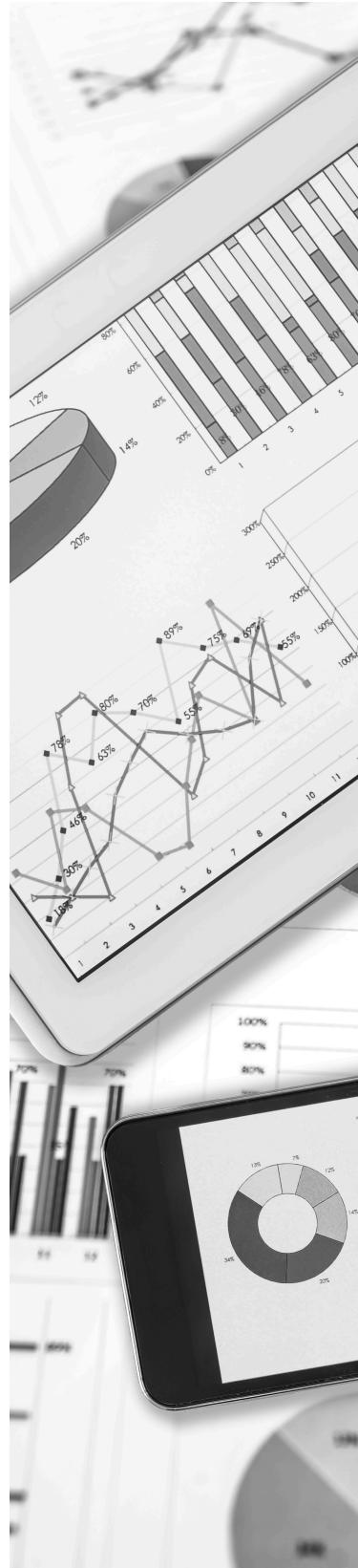
- Numerical Computing with NumPy
- Data Analysis with Pandas
- Exploratory Data Analysis (EDA) using Python

### Machine Learning

- Introduction to Machine Learning
- Supervised Learning - Classification Models
- Regression Models
- Unsupervised Learning - Clustering
- Dimensionality Reduction

### Generative AI

- GenAI Landscape
- Limits
- Prompt Engineering
- Intro to Customization
- Retrieval-Augmented Generation (RAG)
- Multimodal AI
- Ethics & Responsible AI
- Automating Workflows (n8n, Zapier)



## Self-Learning Modules

### Advanced Excel

Introduction to Excel  
Data manipulation, cleaning, and formatting  
Formulas and functions, Pivot tables and Charts  
Data analysis using Excel

### Deep Learning

NLP, Text Preprocessing, Bag of Words, TF-IDF, Word Embeddings (intro)  
ANN – Basics, Neuron Model, Activation Functions, Neural Network Architecture (Input, Hidden, Output layers)  
Forward Propagation, Backpropagation, CNN, Convolution Operation (filters & kernels)  
Padding, Stride ,Pooling Layers (Max & Average), RNN, Recurrent Connections, STM, GRU

### Azure

Basics of Cloud Computing and Azure  
Introduction to Azure  
SQL Database and Data Factory  
Working with Azure Databricks for big data processing  
Integration with Delta Lake and Azure Synapse Analytics

## Tools



Power BI



Co-Pilot



Power BI DAX



MySQL



Python



NumPy



Pandas



Matplotlib



Seaborn



Scikit-learn



n8n



Plotly



Excel

# Capstone Projects

Reinforce your learning with 10+ Capstone projects.



## Stock Price Prediction

Predict future stock prices using time series forecasting models like ARIMA and LSTM.



## E-commerce Product Analysis

Analyze customer behavior, sales trends, and product performance in an e-commerce setting.



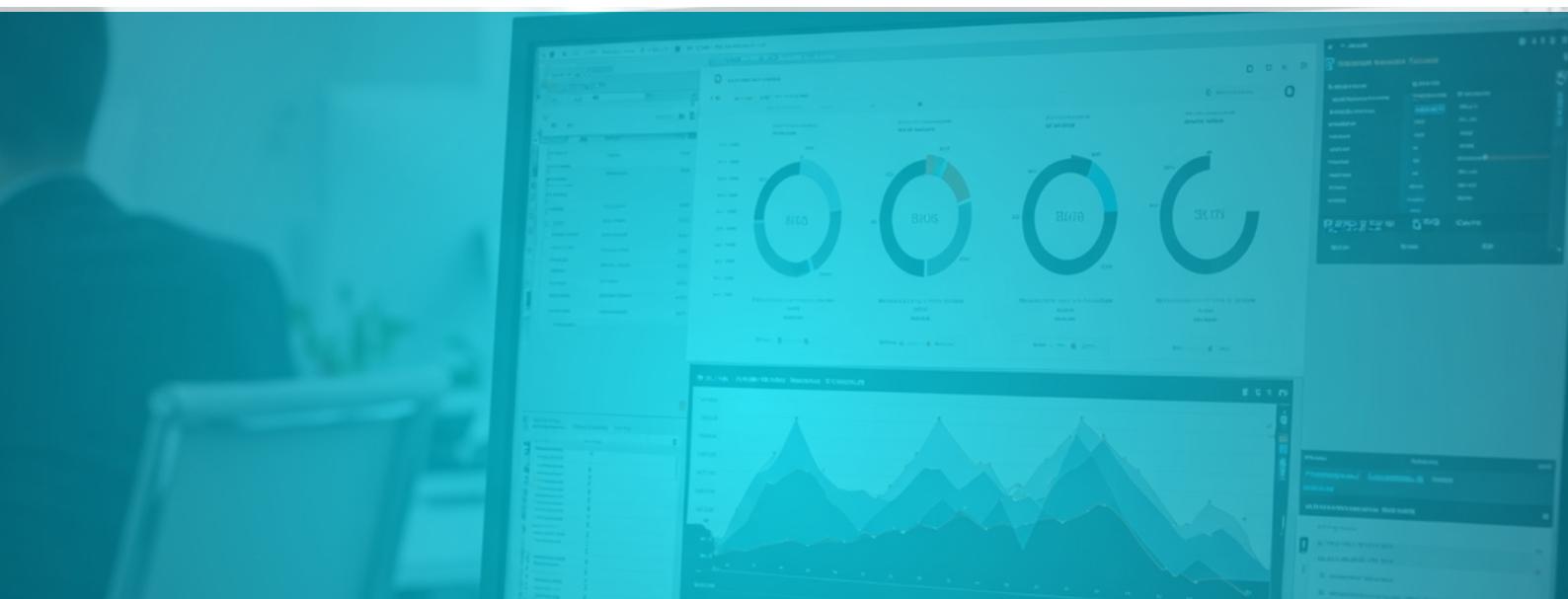
## Heart Disease Prediction

Predict the likelihood of heart disease using machine learning models trained on medical data.



## Customer Churn Prediction

Predict customer churn using classification algorithms based on demographic and usage data.



# Course Highlights

## Live, Interactive Learning

Experience the energy of real-time classes with instructors who are active industry professionals. Collaborate, ask questions, and solve challenges live – just like you would in a real data team.

(All sessions are recorded for later review, so you never miss a concept.)

## Expert-Led, Industry-Tested Content

Every module is designed by practitioners from leading analytics and AI companies, ensuring you gain job-relevant, up-to-date skills that match market demand.

## Real-World Case Learning

Learn through business-relevant scenarios and case studies drawn from diverse sectors such as finance, healthcare, e-commerce, and supply chain analytics.

## Continuous Evaluation

Regular mini-assessments and project checkpoints help you strengthen understanding and identify improvement areas in real time.

## Workplace Skill Readiness

Develop the communication, presentation, and critical-thinking abilities top employers value – because data storytelling matters as much as technical precision.

## Career Mobility Support

Benefit from a resume-building AI tool, mock interviews, and placement assistance through 600+ hiring partners worldwide.



# Student Success Stories

## Career Launch



**Aargya Soni**

Data Analyst



## Civil Engineer



**Rohit Raut**

Data Analyst



## Career Upgrade



**Nikhil Gupta**

Lead - Data Analyst



## Career Gap 9-Year Gap



**Harsha Veena**

Graduate Data Analyst



# Enrollment Process

You can register through the website. In case you are facing any issues, you can get in touch with us at [contact@greycampus.com](mailto:contact@greycampus.com)

We Work With  
600+ Hiring Organizations



and many more...

# Contact Us

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**We look forward to having you onboard!**