



# DATA SCIENCE PROFESSIONAL

"LEARNING MADE SIMPLE"

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# DESCRIPTION

Have you acquired a basic degree in Data Science?

Is the professional streak missing from your career in Data Science?

Are you looking for the right professional upliftment through a course/certification that can hype your skills and build on your mental capabilities and potentialities in the domain of Data Analytics?

Are you keen on managing Data Sets?

If the answer is yes, come, and enroll in our Data Science Professional Certification, today and make something bigger out of the proficiency, expertise you have got!

The Data Science professional certification course is designed to note and serve the ever-rising needs of Data Science professionals. For the aspirants who want to become the best in the field of Data Science with skills that the new world marketplace and industries look out for, this certification is for you! With a practical, hands-on training culture and professional guidance by the experts, we are here to build you.

The certification gives a space to work on data-driven techniques that help in the growth of the organizations and their employees. Moreover, the course is designed to fill in the gap of the trained learner professionals with the lack of which the industry market is not able to operate systems in the right manner. At Careerera, we produce human resource professionals that are ready to take the professional world by storm and shape a better intellectual and innovative world!



# THE TIME IS NOW



## 40%

Analytics professionals in World have work experience of less than 3 years.



## 61%

Vacancies for candidates with 0-5 years experience.



## 11 MILLION

As per US Bureau of Labor Statistics & TOI Journal Estimate job listings for Data Science by 2026.



## 33.5%

Indian data science industry is growing at a healthy rate of 33.5 per cent CAGR.



## 2025

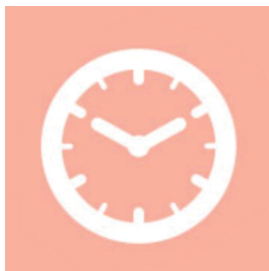
As per World Economic Forum, 463-Million TB Data will be generated each day globally. You will be one of the Data Scientists to Manage it!

*\*Sources: TOI Journal, US Bureau of Labor Statistics, World Economic Forum, PWC, NASSCOM, Analytics India Magazine.*

# CAREERERA IMPACT & REACH



**250000+**  
Users



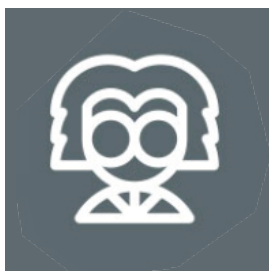
**4 Million+**  
Hours of Learning Delivered



**10**  
Top Ranked Programs



**500+**  
Hiring partners

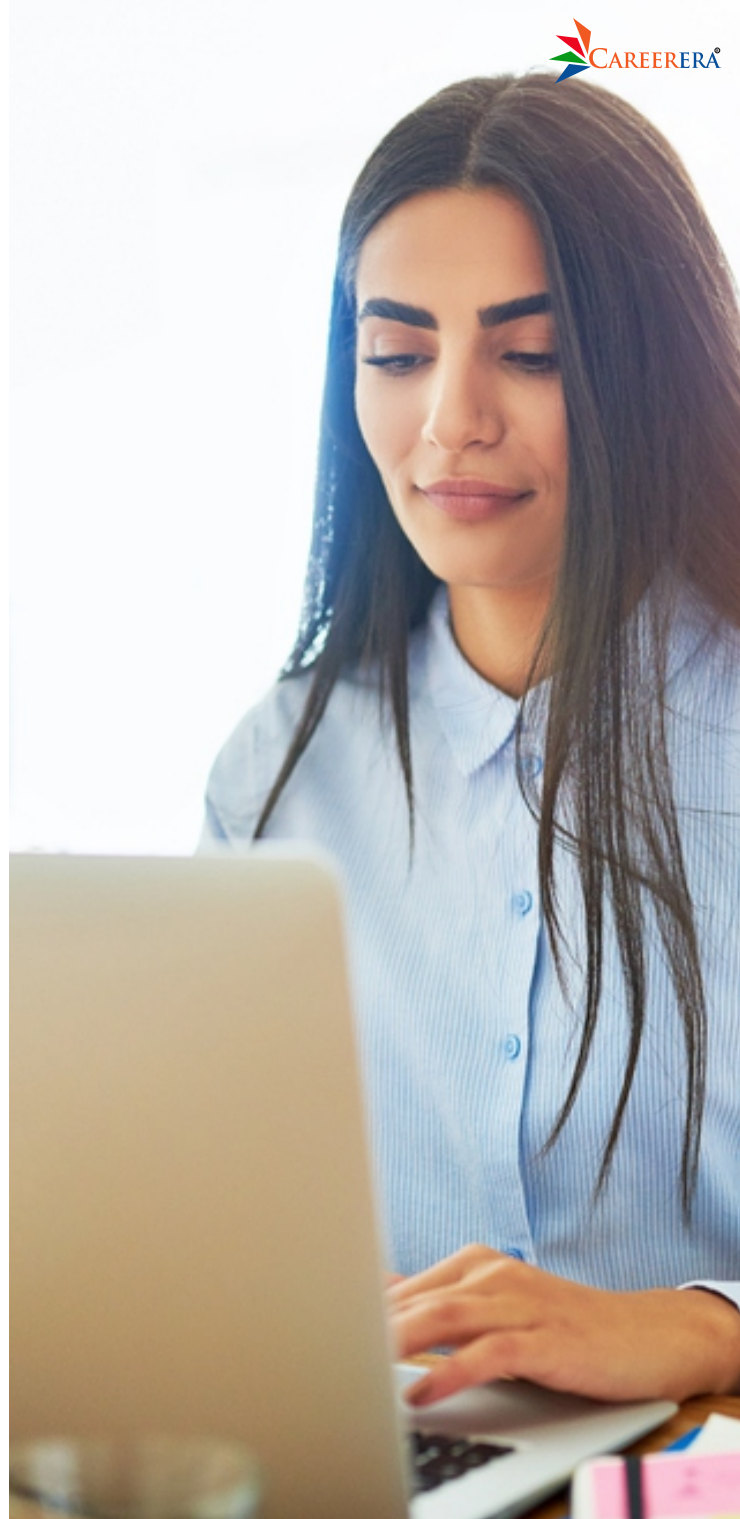


**25+**  
Globally Renowned Data Science Faculty



# DATA SCIENCE PROFESSIONAL

Careerera's Data Science Professional is a program designed for fresh graduates and early career professionals looking to build their career in data science & analytics. With a large number of job openings in analytics and data science domain, Data Science Professional Prepares you with the right skills and knowledge needed to break into these roles. Careerera has collaborated with the industry to create a program that trains candidates specifically for roles such as Data Scientist, data analysts, data engineer, analytics engineer and more, by teaching relevant analytics techniques, tools, technologies, and applications through hands-on training with industry graded case studies.



## Program Features

- ▼ 6-Month Online Program
- ▼ Live Online Sessions
- ▼ Capstone Projects
- ▼ Online Lab Sessions
- ▼ Student Faculty Ratio 15:1
- ▼ 25+ Industry Graded Projects

# WHY

## Data Science?

- ▶ Build/grow your career in data science roles and companies
- ▶ Learn through live online sessions and hands-on learning.
- ▶ Learn data science tools and technologies sought after by leading companies



### On completing this program, you will:

- ▶ Be well versed in analytics tools and technologies such as Python, Tableau, SQL
- ▶ Apply machine learning techniques such as Regression, Predictive Modelling, Clustering, Time Series Forecasting, Classification, etc
- ▶ Perform data cleaning and data transformation operations using several tools and techniques
- ▶ Be well versed in Deep learning & Natural Language Processing (NLP)
- ▶ Present yourself as an ideal candidate for Data analyst, data engineer, and data scientist roles within leading companies

# PROGRAM HIGHLIGHTS



## Online Program

- 12-months online program along with Industry graded Internships
- Online Lab Sessions
- Highly Experienced Faculty



## Collaborations

- Careerera has collaborated with many eminent Universities and Organisations across the Globe to be industry relevant and be ahead in time



## Become job-ready

- Real-world case studies to build practical skills
- Hands-on exposure to analytics tools & techniques such as Python, Tableau, SQL, etc
- Learn and upgrade with industry insights through multiple industry immersion sessions



## Job Interview Preparation

- Career guidance and mentorship by faculty and industry leaders
- Resume review and interview preparation sessions
- Access to opportunities with leading companies



# PROGRAM CURRICULUM

## Module 1

- ▼ Introduction to programming in Python

## Module 2

- ▼ Introduction to DataBase Management System

## Module 3

- ▼ Exploratory Data Analysis

## Module 4

- ▼ Statistical Methods Of Decision Making

## Module 5

- ▼ Machine Learning : Regression

## Module 6

- ▼ Machine Learning : Classification

## Module 7

- ▼ Unsupervised Learning : Clustering Techniques

## Module 8

- ▼ Unsupervised Learning : PCA

## Module 9

- ▼ Ensemble Techniques : Bagging, Boosting

## Module 10

- ▼ Machine Learning Model Deployment Using Flask

## Module 11

- ▼ Data Visualization Using Tableau

## Module 12

- ▼ Data Visualization Using Google Data Studio

# CAPSTONE PROJECTS



## E-commerce

Techniques used: Text Mining, Kmeans Clustering, Regression Trees, XGBoost, Neural Network



## Retail

Techniques used: Market Basket Analysis, RFM (Recency-Frequency Monetary) Analysis, Time Series Forecasting



## Banking

Techniques used: Linear Discriminant Analysis, Logistic Regression, Neural Network, Boosting, Random Forest, CART



## Web & Social Media

Techniques used: Topic Modeling using 9 Latent Dirichlet Allocation. K-Means & Hierarchical Clustering



## Healthcare

Techniques used: Logistic Regression, Random Tree, ADA Boost, Random Forest, KSVM



## Supply Chain

Techniques used: Text Mining, Kmeans Clustering, Regression Trees, XGBoost, Neural Network



## Insurance

Techniques used: NLP (Natural Language Processing), Vector Space Model, Latent Semantic Analysis



## Science and Technology

Techniques used: Market Basket Analysis, Brand Loyalty Analysis



## Finance & Accounts

Techniques used: Conditional Inference Tree, Logistic Regression, CART and Random Forest



## Entrepreneurship /Start Ups

Techniques used: Univariate and Bivariate Analysis, Multinomial Logistic Regression, Random Forest

# Roles Offered

**Analytics  
Consultant**

**ML  
Engineer**

**Manager –  
Analytics**

**AI  
Engineer**

**Data  
Analyst**

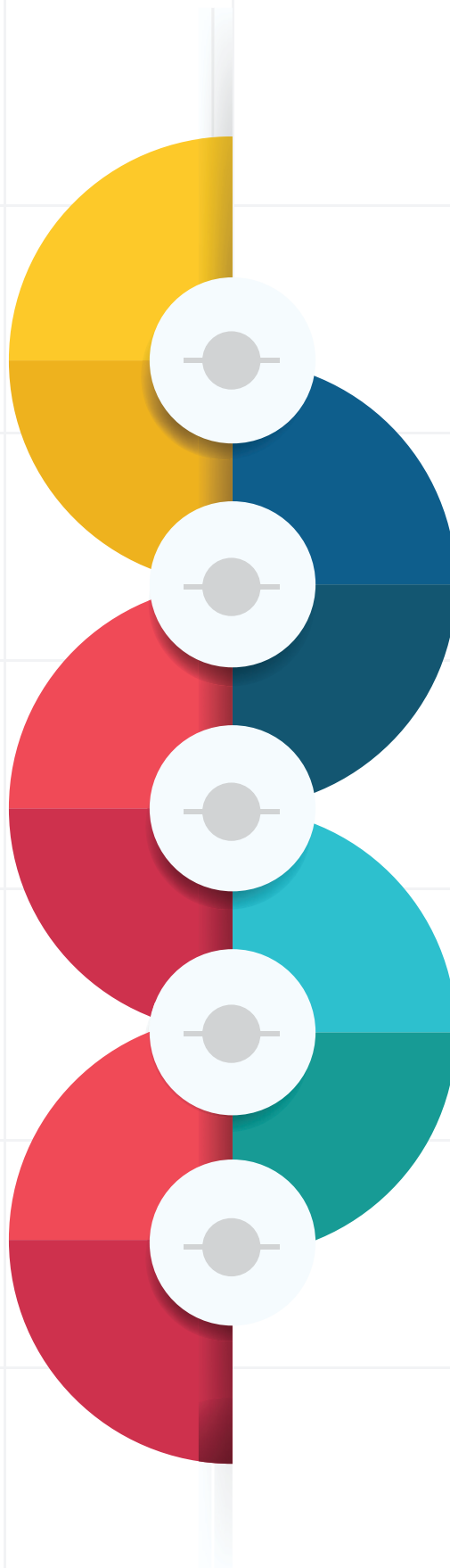
**Reporting  
Analyst**

**Data  
Scientist**

**Research  
Executive**

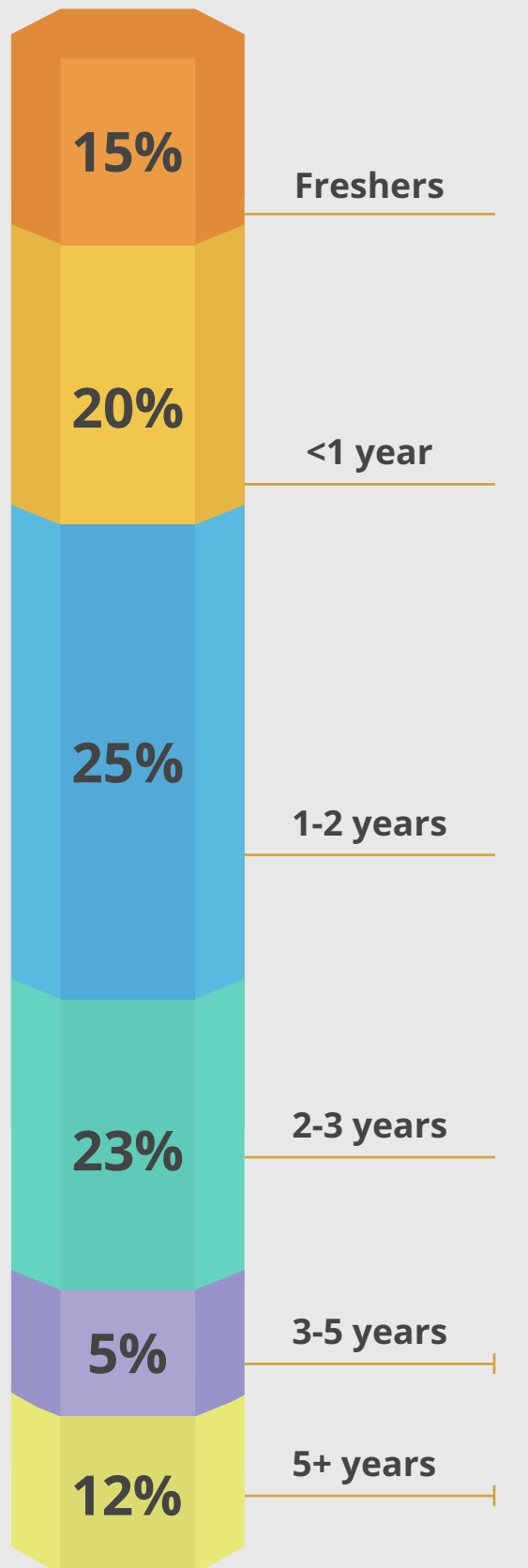
**Data  
Engineer**

**Statistician**



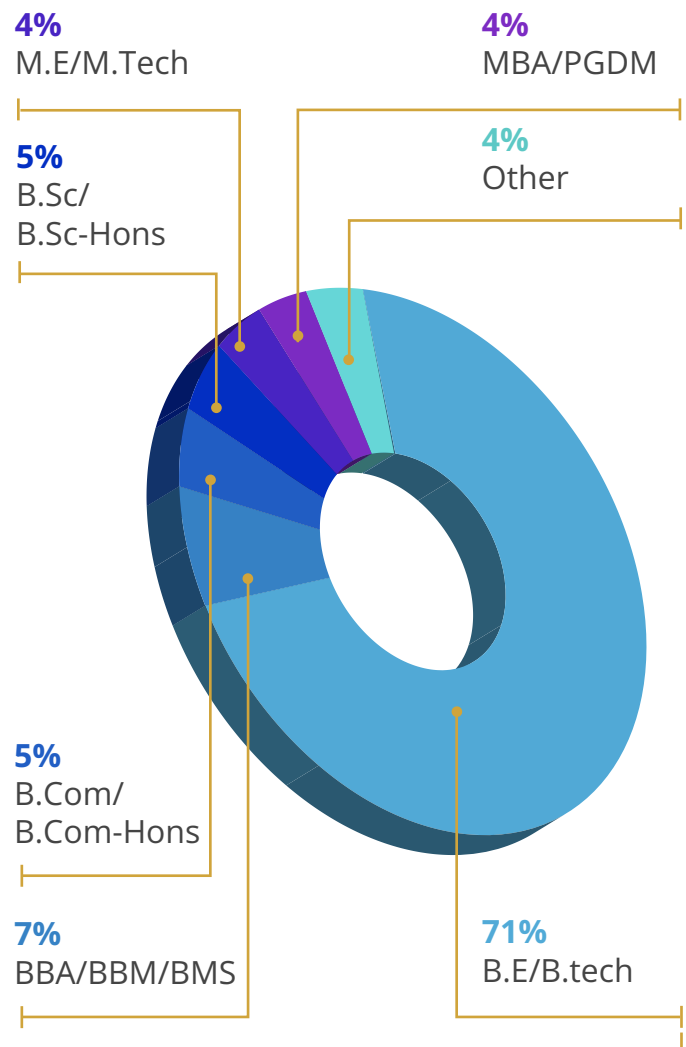
# DATA SCIENCE BATCH PROFILE

## Experience Distribution

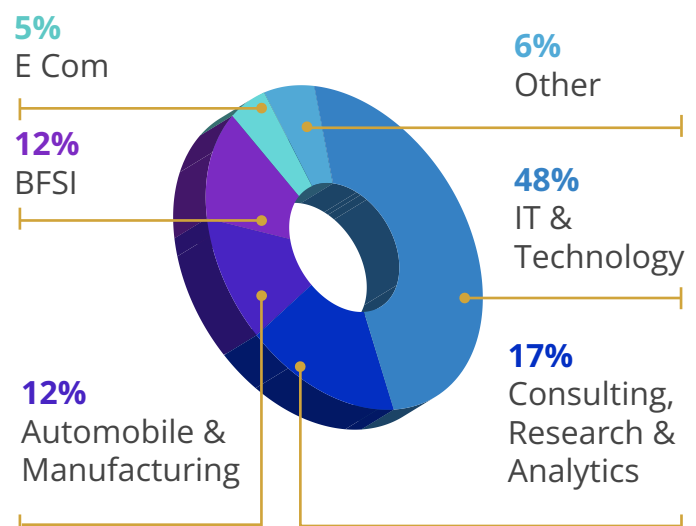


Our students include freshers and experienced professionals from across industries, functions and backgrounds.

## Educational Background



## Industry Diversity



# Our Users From

We Have Users For Our Data Science Program From Following Companies






























## OUR MEDIA COVERAGE



















# SELECTION PROCESS



Apply by filling a simple online application form



Admissions committee will review and shortlist.



Shortlisted candidates need to appear for an online aptitude test.



Screening call with Alumni/ Program Director/ Faculty



## ABOUT US

Careerera's mission is to make professionals proficient and future-ready. Its programs focus on the next frontier of growth in industry and currently straddle across Analytics, Data Science, Big Data, Machine Learning, Artificial Intelligence, Deep Learning, Cloud Computing and more. Careerera uses technology, high-quality content, and industry collaboration to deliver an immersive learning experience that helps candidates learn, apply, and demonstrate their competencies. All programs are offered in collaboration with leading global universities and are taken by thousands of professionals every year to secure and grow their careers.

