



Masters Program

MASTERS IN DATA SCIENCE



1.2 Million
Learners



1-1 Personalized
Mentorship



60% Average
Salary Hike

About PROGRAM



Learning Format

Online / Offline



Duration

130 Hours



Career Services

By Croma Campus

The Program in Data Science covers many important subjects, provides you with live industry-based projects, and offers valuable practical experience. This in-depth Data Science certification course will help you master all the key principles of Data Science and develop all the essential skills required to become a professional. After joining this program, you will get all the required course material that will help you understand the core concepts of Data Science. Moreover, you will get the best learning experience equipped with live virtual classrooms and professional trainers. Therefore, by joining this program, you will get a chance to learn about Data Science technology and implement effective solutions to enhance the performance of an organization.

Hottest Job of 21st Century



1.1 Million Job Postings

There is a global estimate of millions job postings for Data Science roles.



Skill Development

Data Science professionals are equipped with various relevant skills for lucrative job offers



Growing Data Science Industry

35.5% CAGR in the global Data Science industry.



Future- Oriented Career

Data Science is a budding field; a head start will prove to be beneficial.



Popular Degree

43% of Data Science professionals have a Master's degree.



High Demand

By 2025, India and US will face a demand supply gap of 460,000 Data Science professionals.

Program **FEATURES**



Key **Highlights**

- ✓ Instructor - Led Training
- ✓ Self- paced Videos
- ✓ Project & Exercises
- ✓ Job Assistance
- ✓ Flexible Schedule
- ✓ Life Time Free Upgrade
- ✓ Mentor Support
- ✓ Guaranteed Interviews
- ✓ 1 - 1 with industry mentors
- ✓ Training Certification

Top Skills & **Tools Covered**



Learning CURVE



Who Should Enroll in **this Program?**

Any technical degree or equivalents such as B.tech, M.tech, a degree in engineering, bachelor/master's in computer science, and basic programming knowledge.

This program caters to a wide audience, from those who are hoping to enter the industry

- ✓ Fresh graduates who are intent on taking the plunge into the job market
- ✓ Developers who are working in one of the functional roles of front-end or back development and want to shift to full stack development
- ✓ Test engineers, system engineers, and others who want to make a career shift to

Professional in Data Science **Training Curriculum**

✔ **Module 1 : Python for Data Science**

- Introduction To Python
- Python Keyword and Identifiers
- Introduction To Variables
- Python Data Type
- Control Structure & Flow
- Python Function, Modules and Packages
- Python Date Time and Calendar:
- List
- Tuple
- Dictionary
- Sets
- Strings
- Python Exception Handling
- Python File Handling
- Python Database Interaction
- Contacting user Through Emails Using Python
- Reading an excel
- Complete Understanding of OS Module of Python

✔ **Module 2 : Data Analysis and Visualization**

- Data Analysis and Visualization using Pandas.
 - Statistics
 - Pandas
- Data Analysis and Visualization using NumPy and Matplotlib
 - NumPy
 - Matplotlib
- Introduction to Data Visualization with Seaborn
 - Introduction to Seaborn
 - Visualizing Two Quantitative Variables
 - Visualizing a Categorical and a Quantitative Variable
 - Customizing Seaborn Plots

✓ **Module 3 : MS SQL and SQL**

- SQL Server Fundamentals
- SQL Server 2019 Database Design
- SQL Tables in MS SQL Server
- Data Validation and Constraints
- Views and Row Data Security
- Indexes and Query tuning
- Stored Procedures and Benefits
- System functions and Usage
- Triggers, cursors, memory limitations
- Cursors and Memory Limitations
- Transactions Management

✓ **Module 4 : Statistics for Data Science & EDA**

- Introduction to Data Science
- Accessing/Importing and Exporting Data
- Data Manipulation: Cleansing – Munging Using Python Modules
- Feature Engineering in Data Science
- Data Analysis: Visualization Using Python
- Introduction to Statistics
- Introduction to Predictive Modelling
- EDA (Exploratory Data Analysis)
- Data Pre-Processing & Data Mining

✓ **Module 5 : Machine Learning**

- Introduction to Machine Learning
- Techniques of Machine Learning
- Regression
- Classification

✓ **Module 6 : Deep Learning**

- Introduction to Deep Learning
- Deep Learning Networks

✓ **Module 7 : Microsoft Power BI**

- Introduction to Power BI
- Power BI Desktop
- Power BI Data Transformation
- Modelling with Power BI
- Data Analysis Expressions (DAX)
- Power BI Desktop Visualisations
- Introduction to Power BI Dashboard and Data Insights
- Direct Connectivity
- Publishing and Sharing
- Refreshing Datasets

✓ **Module 8 : Data Preparation using Tableau Prep**

- Data Connection with Tableau Desktop
- Basic Visual Analytics
- Calculations in Tableau
- Advanced Visual Analytics
- Level of Detail (LOD) Expressions in Tableau
- Geographic Visualizations in Tableau
- Advanced charts in Tableau
- Dashboards and Stories
- Get Industry Ready
- Exploring Tableau Online
- Placement Guide

✓ **Module 9 : Cloud : AWS**

- Introduction to Cloud Computing
- Amazon EC2 and Amazon EBS
- Amazon Storage Services S3 (Simple Storage Services)
- Cloud Watch & SNS
- Scaling and Load Distribution in AWS
- AWS VPC
- Identity and Access Management Techniques (IAM)
- Amazon Relational Database Service (RDS)
- Multiple AWS Services and Managing the Resources' Lifecycle
- AWS Architecture and Design
- Migrating to Cloud & AWS
- Router S3 DNS
- Cloud Formation
- Elastic Beanstalk
- EFS / NFS (hands-on practice)
- Hands-on practice on various Topics

✓ **Module 10: Cloud : Azure**

- Module 1: Manage Azure identities and governance (15-20%)
- Module 2: Implement and Manage Storage (10-15%)
- Module 3: Deploy and Manage Azure Compute Resources (25-30%)
- Module 4: Configure and Manage Virtual Networking (30-35%)
- Module 5: Monitor and Back up Azure Resources (10-15%)

✓ **Module 11 : Data Science Professionals – Live Projects**

e-Learning through LMS

Learning Management System

Our LMS (LearnPitch) is for the administration, documentation, tracking, reporting, automation, and delivery of educational courses, training programs, or learning and development programs.

Our LMS has been designed to identify training and learning gaps, using analytical data and reporting to keep you up with the class activities.

Key Features Learning Management System



Live Sessions with Class recordings



Get study material with Assignments.



Track your curriculum covered.



Track your class wise attendance



Share your feedback for Trainer & Training



Get your Training Certificate from LMS



Training Certification

Earn Your Certificate

Your certificate and skills are vital to the extent of jump-starting your career and giving you a chance to compete in a global space.



Croma Campus is Nasscom Certified

Croma Campus is now

NASSCOM[®]

Certified Member



Croma Campus! Reviews



"The most rewarding part of my experience has been achieving a prestigious certification in the subject that I love. Moreover, the training offered out by the specialists are of world-class and prepares out the students for corporate world. For me Croma Campus means a lot."

*"By The
Students
For The
Students,,*

Your Success Is **Our Story**



Bharat

“ I am fully satisfied with the excellent training services received by the expert staff at Croma Campus. I want to thank Croma Campus for providing me with the most innovative and affordable training services for learning all the software testing procedures and guidelines. ”



Ankit

“ It was a lifetime experience for me to get trained by IT Experts of Croma Campus. What I liked most about the training was the consistent high-quality education, which was friendly and co-active. The placement department was also proactive, they keep me updated regarding new job opportunities and provide the grooming session to crack the interview. At last, I would like to thank all faculty members of Croma Campus for their immense help and support. ”



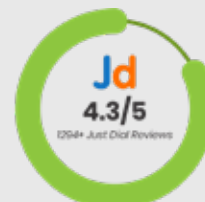
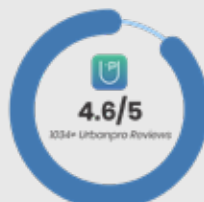
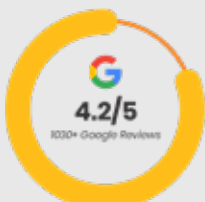
Nitesh

“ Without any second thought, I will give Croma Campus 10/10. Their placement department is highly proactive. I remember they started scheduling interviews for me from the very next day when I told them my course has been completed. These people are doing a phenomenal job and I highly recommend Croma Campus to everyone. ”



Shams Khan

“ Croma Campus is doing a phenomenal job in the IT training industry. The reason why I decided to join their training program was that they provide quality training at very a nominal price. Plus, the online training mode was also a factor due to which I decided to join the training program of Croma Campus as I didn't want to attend physical classes. ”



Meet Our Team



Sales Team

Our Sales team is highly passionate, emphatic, positive attitude, great listening skills, ability to deliver quick solutions, and they are multitasker too. Our team always remains up-to-date about all the latest technologies and market trends. With effective communication skills, they always work to deliver the right information to customers when it is needed.



Product Team

Our product team is highly functional and collaborative working together to achieve the common outcome of designing exceptional digital experiences. Each of our members is a contributor to help us achieve success in long-run. Sitting at the high-end of technology and innovation, team helps to deliver high-end customer experiences and always comes out with a big idea as a game-changing plan.



Marketing Team

Our Marketing team works as gladiators and helps us to achieve business success in all possible ways. They are included in almost everything either it is building a brand, creating brand awareness, promoting products or services, delivering trailblazing customer experiences or increasing engagement at public forums. They are the true backbone of the Company.



Content Team

Our content team is responsible for ideation, creation, optimization, and distribution of content throughout the company. The team always starts its work with a strategy, how to create high-quality contents, and how to promote or share the content. Our in-house content team help us to produce all types of contents either they are educational content pieces, marketing content, SEO content, or any other forms too.



Customer Access Team

This is the team that has actually been taken up us from reactive state to a pro-active state. The team utilizes high-valued solutions to satisfy customers in all possible ways. It is truly said that no company can succeed if your customers are not satisfied. And our customer success team is dedicatedly working to keep all the customers satisfied and we always consider our customer feedback on priority.



HR Team

Our HR team is committed to provide high-end solutions to employees as they require. Our HR team has the right skills and knowledge to make sure that the HR department can always be legally and strategically successful. They know how to keep employees motivated all the time with the best HR policies and fun activities too from time to time.



Glimpse Of Our Office

Look **Who We are**

Our office's infrastructure comprises all the necessary software and network resources that are required to deliver IT & Design, Human Resources, Digital Marketing, and training services.

We are well-equipped with bright designed work bays for employees and managers having separate cabins with spacious cafeteria and training classrooms.



About Croma Campus

“ Our Mission is to Build Nation through Education & Beyond Limitation. ”

Croma Campus Training & Development Private Limited is an education platform providing rigorous industry-relevant programs designed and delivered in collaboration with world-class faculty, industry & Infrastructure. In the past 12 years we have trained 18000+ candidates and out of which we are able to place 12000+ professionals in various industries successfully.

We Are
Affiliated
With Different
Partners



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