

Data Science with Python

Certification Course

Accredited Training Partner

Accredited by NASSCOM,
approved by the Government of India

futureskills®
prime

A MeitY - NASSCOM Digital Skilling Initiative



About Us



www.edurekapanvel.in

Edureka is a leading e-learning platform providing live instructor-led interactive online training. We cater to professionals and students across the globe in categories like DevOps, Cloud Computing, Data Science, Artificial Intelligence, Cybersecurity, Business Intelligence, Automation Testing, Project Management, Programming, Web Development and more.

We have an easy and affordable learning solution that is accessible to millions of learners. With our students spread across countries like the US, India, the UK, Canada, Singapore, Australia, Middle East, Brazil and many others, we have built a community of over 1 million learners across the globe.



Google Reviews



Trustpilot Reviews



G2 Reviews



Sitejabber Reviews



A&T EduTech. An authorized partner with Edureka and Tally.

Data Science with Python Course

About the Course

Data Science with Python course will help you master important Python programming concepts such as data operations, file operations, object-oriented programming, and various Python libraries such as Pandas, Numpy and Matplotlib essential for Data Science. This course is well suited for professionals and beginners.

This certification training will also make you understand the different types of Machine Learning, Recommendation Systems and many more Data Science concepts to help you get started with your Data Science career.

Why enroll for Data Science with Python Certification Course?



Industry-Leading Platform

According to the U.S. Bureau of Labor Statistics, there will be around 11.5 million new jobs for Data Science professionals by 2026



Opportunity in Top MNCs

Avail upto Rs 14,500 from Government of India (GOI) incentives after successfully clearing the mandatory NASSCOM Assessment



Lucrative Salary

The national average salary of a data scientist is \$119,563 per annum according to the U.S. Bureau of Labor Statistics

Why Data Science with Python Certification Course from edureka!

Live Interactive Learning

- World-Class Instructors
- Expert-Led Mentoring Sessions
- Instant Doubt Clearing

Lifetime Access

- Course Access Never Expires
- Free Access to Future Updates
- Unlimited Access to Course Content

24x7 Support

- One-On-One Learning Assistance
- Help Desk Support
- Resolve Doubts in Real-time

Hands-On Project-based Learning

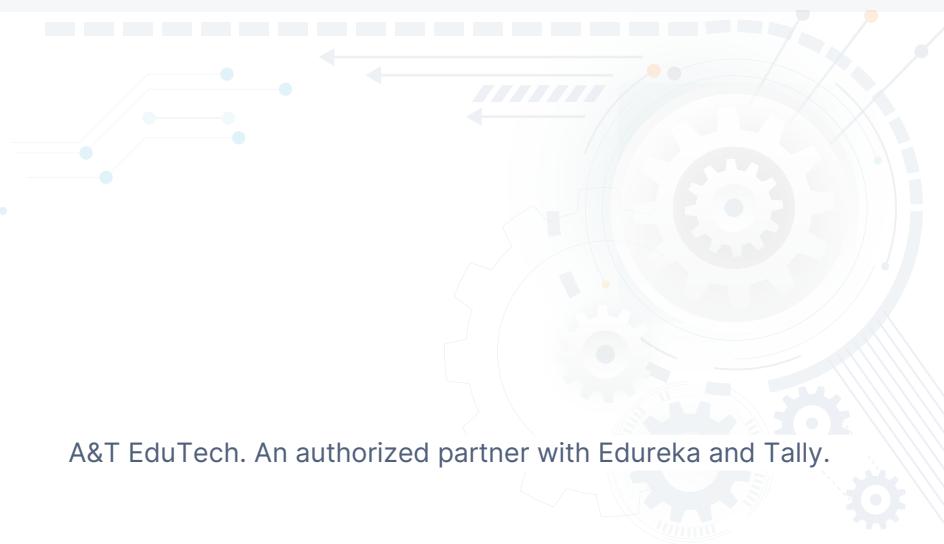
- Industry-Relevant Projects
- Course Demo Dataset & Files
- Quizzes & Assignments

Industry-Recognised Certification

- Edureka Training Certificate
- Graded Performance Certificate
- Certificate of Completion

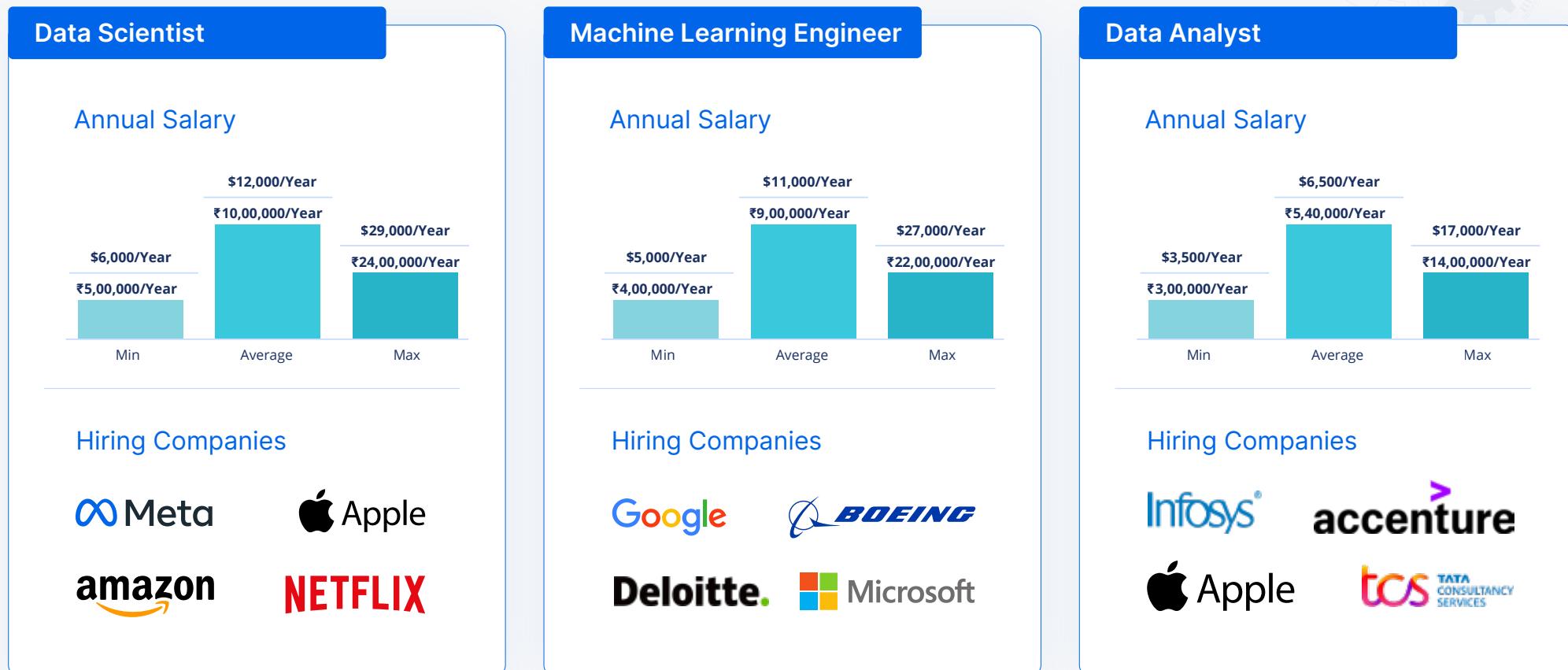
Provision of Cloud Lab

- Preconfigured Lab Environment
- Infrastructure with Tools and Software
- Single Sign-On



Training Benefits

The number of Data Science jobs is expected to grow at a rate of 30% every year. Knowledge of Data Science coupled with Python programming skills opens up enormous opportunities for the Data Science job aspirants. This Data Science with Python course from Edureka will teach you the essential concepts from scratch and enable you to launch your dream career in this domain.



Program Details

Who should go for this Data Science with Python Certification Course?

Edureka's course is a good fit for the below professionals:

1 Freshers, Programmers, Developers, Technical Leads, Architects

2 Developers aspiring to be a 'Machine Learning Engineer'

3 Analytics Managers who are leading a team of analysts

4 Business Analysts who want to understand Machine Learning (ML) Techniques

5 Information Architects who want to gain expertise in Predictive Analytics

6 Professionals who want to design automatic predictive models

Table of Contents

• Introduction to Python	10 Topics	• Unsupervised Learning	07 Topics
• Sequences and File Operations	07 Topics	• Association Rules Mining and Recommendation Systems	07 Topics
• Deep Dive – Functions, OOPs, Modules, Errors and Exceptions	13 Topics	• Reinforcement Learning	09 Topics
• Introduction to NumPy, Pandas and Matplotlib	13 Topics	• Time Series Analysis	10 Topics
• Data Manipulation	06 Topics	• Model Selection and Boosting	07 Topics
• Introduction to Machine Learning with Python	06 Topics	• Statistical Foundations (Self-Paced)	08 Topics
• Supervised Learning - I	06 Topics	• Data Connection and Visualization in Tableau (Self-paced)	09 Topics
• Dimensionality Reduction	06 Topics	• Advanced Visualizations (Self-paced)	10 Topics
• Supervised Learning - II	08 Topics		

Skills Covered

- ✓ Python Programming
- ✓ Data Analysis and Visualization
- ✓ Data Mining
- ✓ Recommender System using Python
- ✓ Time Series Modelling
- ✓ Statistical Foundations
- ✓ Data Visualization Using Tableau
- ✓ Supervised and Unsupervised Machine Learning

Projects



Industry: Automobile

Problem Statement: "MyCars" is a new-age startup laying foundations in the setting up of a car resell domain, and they are setting up a team of ML experts to make predictive models to determine the price of second-hand cars to optimize their revenue; you have joined as a new Data Scientist, and your role is to create a model to determine the selling price of a used car.



Industry: Consumer Complaint Resolution

Problem Statement: Predicting whether a complaint resolution will be accepted or rejected by a consumer can enable a business to proactively look at complaints that might be disputed and save unnecessary escalation and reputation. Systemic issues can be identified by noticing which complaints are more likely to be disputed. Customer support agents can be trained to pay more attention or enhance the quality of communication for certain types of complaints.



Learner Stories



Balasubramanya SP

Consultant, Deloitte US



I had a wonderful learning experience with Edureka. Not only did I get exposed to Data Science, but I was also able to learn related technologies that helped me in my career. The course also gave me an edge over other candidates when I was looking for a job change and helped me ace my interviews. I am now planning to shift my career to Data Science and Edureka's course has given me the knowledge and confidence to make this career leap.



Aravind M

Associate-Projects, Cognizant Technology Solutions



Edureka's courses in Big Data and Data Science have helped me excel in my career as a Big Data Developer. I have been able to build expertise in Hadoop and Big Data which has helped me stay up to date with current market trends. This has in turn given me confidence to weather all changes in the industry and build a foolproof skill base.



Parul Mathur

Senior Technical Writer



Learning Python at Edureka was a great learning experience. The instructor was excellent and the quality of content was good.

Edureka Certification

Edureka's Data Science with Python course is curated by subject matter experts to help you gain a solid foothold in Data Science.

Upon successfully completing the Data Science course, Edureka provides the course completion certificate for Data Science Professional. And its validity is a lifetime.



Our Alumni Work at



Ask your queries to our experts!

Edureka course counsellors and learner support advisors are available 24x7 to help you with your learning needs.

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 Call Now

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