

Data Science with Python

Certification Course



Accredited by NASSCOM,
approved by the Government of India



About Us



www.aandtedutech.com

A&T Edutech in Panvel is considered to be one of the leading computer institutes for IT and Non-IT courses with having 20000+ certifications since 1998 and still counting.

We cater to professionals and students across the Mumbai, Navi-Mumbai, Thane, Raigad, Kokan region in categories like **DevOps, Cloud Computing, Data Science, Artificial Intelligence, Cybersecurity, Business Intelligence, Automation Testing, Project Management, Programming, Web Development**, and more.

We offer an easy and affordable learning solution that is accessible to millions of learners with students spread across countries like US, Canada, Singapore, Australia, the Middle East, Brazil, and many others, we've built a **global community of over 1 million learners**.



Google Reviews



Trustpilot Reviews



G2 Reviews



Sitejabber Reviews

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

Government of India (GOI) incentives up to Rs 14,500 after successfully clearing the mandatory N6SSCOM 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 A&T Edutech

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 s Files
- quizzes & assignments

Industry-Recognized Certification

- A&T Edutech Certificate
- Graded Performance Certificate
- Certificate of Completion

Provision of Gloud Lab

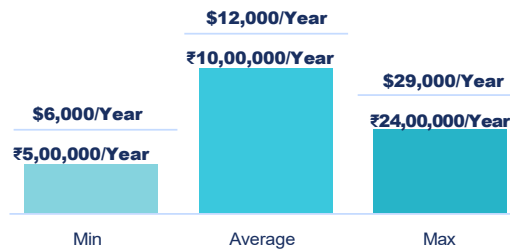
- Preconfigured Lab Environment
- Infrastructure with Tools and Software
- Single Sign-On

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 A&T Edutech will teach you the essential concepts from scratch and enable you to launch your dream career in this domain.

Data Scientist

Annual Salary

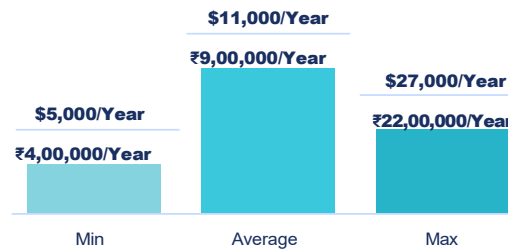


Hiring Companies



Machine Learning Engineer

Annual Salary

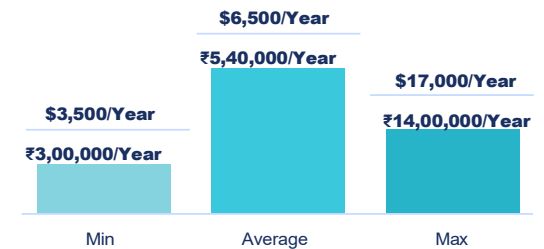


Hiring Companies



Data Analyst

Annual Salary



Hiring Companies



Program Details

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

A&T Edutech's course is a good fit for the below professionals:

1

**Frashers, 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 Visualization's (Self-paced)	10 Topics
• Supervised Learning - II	08 Topics		

Skills Covered

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

Projects



Industry: Automobile

Problem Statement: "My Cars" 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



Balasubramanian SP

Consultant, Deloitte US

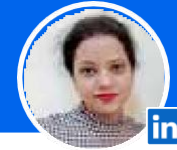
I had a wonderful learning experience with A&T Edutech. Not only did I get exposed to Data Science, but I was also able to learn related technologies that helped me in my career. The course also gave me an edge over other candidates when I was looking for a job change and helped me ace my interviews.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



Aravind M

Associate-Projects, Cognizant Technology Solutions

A&T'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 A&T Edutech was a great learning experience. The instructor was excellent and the quality of content was good.

A&T Edutech Certification

A&T Edutech 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, A&T Edutech provides the course completion certificate for Data Science Professional. And its validity is a lifetime.



Our Alumni Work at



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

Ask your queries to our experts!

A&T course counsellors and learner support advisors are available 24×7 to help you with your learning needs.

+91 89766 95898

 **Call Now**

+91 70396 94611

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Contact Us

info@aandtedutech.com

JK Plaza, Shop No.24,
2nd Floor, Opp. Tanishq Showroom
Shivaji Chowk, Old Panvel- 410206

