

Certificate Program in DATA SCIENCE



Online Interactive Course
Course Duration: 04 Months

About Us

AlgoVizon is an ed-tech included IT services company specialized in providing cost-effective professional training in data science and machine learning. The institute is committed to equipping professionals and students with the skills and knowledge they need to succeed in the rapidly evolving field of data science.

The institute offers a comprehensive certificate program in Data Science that meets the requirements of a beginner looking to expertise data science or an experienced professional seeking to enhance skills. Our aim is to create professionals with strong theoretical knowledge as well as practical experience in the field of Data Science which help them to achieve success and sustain the competitive job market.

The institute's faculty is comprised of highly experienced professionals who are experts in their fields. They bring a wealth of real-world experience to the classroom, providing learners with practical insights and perspectives that go beyond theoretical concepts.

In addition to its training programs, the academy also offers a range of consulting and research services to businesses and organizations. Our team of data science experts can help organizations optimize their data management strategies, develop predictive models, and gain insights that can drive business success.

The AlgoVizon is a leading institution that is dedicated to advancing the field of data science and providing students and professionals with the knowledge and skills they need to succeed in this exciting and dynamic field.



About the Course

The Data Science program offered at our academy is designed to train the learners with the desired skills and techniques required to become a professional data scientist. The program covers a wide range of topics, including statistical analysis, data wrangling and cleaning, data visualization, machine learning and various other aspects of data science.

The program is made fully online with live and interactive sessions handled by industry experienced instructors.

Statistics and Probability: This module covers the fundamental principles of statistics and probability, which are essential for working with data. Students will learn about probability distributions, hypothesis testing, and regression analysis.

Data Wrangling and Cleaning: This module imparts knowledge to collect, clean, and transform data into a format that is suitable for analysis. This includes techniques for handling missing data, dealing with outliers, and merging datasets.

Data Visualization: The module covers how to create effective visualizations that communicate insights from data. Students will learn about different types of visualizations and the best practices for creating them.

Machine Learning: This module is about the different types of machine learning techniques, including supervised and unsupervised learning. Students will learn how to use machine learning algorithms to create predictive models and make data-driven decisions.

Data Ethics and Privacy: This module covers the ethical and legal considerations that come with working with data. Students will learn about privacy concerns and the responsible use of data.

Project-based Learning: Throughout the course, students will work on real-world projects that will help them apply the skills they have learned in a practical setting.

Key Highlights

- ▣ Live online interactive sessions
- ▣ 4 Months course duration
- ▣ 100 Hours of live learning sessions
- ▣ Expertise Instructors with industry experience
- ▣ Dedicated doubt clearing sessions
- ▣ Student support after the course
- ▣ Hands-on training
- ▣ Live Project on real-world data
- ▣ Gain expertise in languages and tools like python, scikit-learn, tensorflow etc.
- ▣ Placement support – resume preparation, mock interviews etc.
- ▣ Assessments to get prepared for interviews
- ▣ Guest lectures from industry experts

Curriculum Overview

- ▣ Python for Data Science
- ▣ Statistics for Data Science
- ▣ Data preparation techniques
- ▣ Exploratory Data Analysis
- ▣ Data visualization tools
- ▣ Feature Engineering
- ▣ Supervised Machine Learning
- ▣ Unsupervised Machine Learning
- ▣ Natural Language Processing – Introduction
- ▣ Computer Vision – Introduction
- ▣ ML model Deployment
- ▣ Git repo and Git version control usage
- ▣ Project on real world data

For detailed course curriculum, visit: <https://www.algovizon.com/courses.html>

Facilities Required

- System: Laptop or Desktop personal computer
- OS: Windows 10 or above, Linux based (Ubuntu) or Mac OS
- Storage: At least 100 GB
- RAM: At least 4 GB
- Good Internet Connection
- Good earphones with mic
- Learners are advised to have the prerequisites before the start of the course. The institute wont provide the facilities to the learners.

Learning and Course Outcomes

- ▶ Expertise in data analytics
- ▶ Ability to transform data into actionable insights
- ▶ Theoretical and practical knowledge on ML algorithms
- ▶ Build and deploy ML models
- ▶ Ability to provide solutions to business issues
- ▶ Better career transition / promotion
- ▶ Hike in Salary
- ▶ Better opportunity in the Data Science job market

Fee Payment Details

Total Fee: ₹ 55,000

Registration Fee: ₹5,000

1st Instalment: ₹25,000

2nd Instalment: ₹25,000

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