



AISECT
LEARN
Better Education. Better Careers.

Data Science & AI-ML

ers Satisfaction



Why AISECT Learn?



175+ University
certified courses



Career driven
learning rooted in a
37 year legacy



475 Industry partners
for recruitment



**Skill
upgradation**
by industry
experts



Dedicated job
portal & placement support



Course Overview

The course comprises of fundamentals of **Data Science** along with a lot of technical & non technical skill-sets. The industry trends and demand are evolving rapidly and to grow along with that, this courses will help you to learn, grow & implement the latest tools & understand best practices.



Course Objectives

During this course, you will learn various avenues of **Data Science** like

- ✓ Develop in depth understanding of **Data Science**
- ✓ Learn from Industry Experts
- ✓ Gain hands on experience in **Data Science** skills
- ✓ Real-life examples



Skills You Will Learn

- ✓ Basics of Data Science and Machine Learning
- ✓ Supervised, Unsupervised & Reinforcement algorithms
- ✓ Excel, SQL & Statistics
- ✓ Optimization & Dimensionality Reduction
- ✓ Data Manipulation and Analysis
- ✓ Major python libraries
- ✓ Pandas, NumPy, Scikit
- ✓ Data Visualisation



Stream Highlights

Instructors

Dr. S. Veenadhari,
Dr. Avik Sarkar &
Dr. Priti Maheshwary



Duration

1 Week to 40 Weeks

Eligibility

12th onwards



No. of Courses

13+ Free Courses, 10+ Paid
Courses and 1 Placement
Guarantee Program (Live)

Placement Training

Yes



Language

English & Hindi

Shareable Certificate

Yes



Webinar by Industry Experts

Yes



Data Science & AI-ML Syllabus

Data Science Syllabus

- Introduction to Data Science
- Mathematical Fundamentals
- Basic Statistics
- Data Analysis using Excel
- Python Essentials
- Python data analysis
- Data Visualization
- Advanced Python
- Machine Learning
- Classification
- Unsupervised Learning
- Clustering & Segmentation (Unsupervised Learning)
- Dimensionality Reduction
- Data Visualization using Tableau
- Model Evaluation
- Optimization
- Database and SQL
- Applications in Industry (BFSI)

Also includes:

- MCQ Quiz
- Practice assignments
- Reading Resources
- Capstone Project



Our Instructors



Dr. S. Veenadhari

Faculty, Associate
Professor, Department
of Computer
Science Engineering,
Rabindranath
Tagore University
(RNTU)



Dr. Avik Sarkar

Mentor,
Analytics, Data
Science, AI & Public,
Policy Indian
School of
Business (ISB)



Dr. Priti Maheshwary

Industry Expert
in Artificial
Intelligence & Machine
Learning



Additional courses you can avail



Placement Guarantee Program

- Advance Diploma in Data Science for AI/ML - Placement Guarantee Program

- **100+ Hours** of learning

T&C Apply*

and many more



Market Oriented Data Science Courses

- Python for **Data Science** Advance Certificate Course

- Data Science using **Python** Certificate Course

and many more



Data Science Courses in Hindi

- **Data analytics vs Data Science**

- Fundamentals of **AI**

- Trends Accelerating **AI**

and many more



Free Courses in Data Science (NEP Aligned Courses)

- Basics of **Data Science**

- How to use **Python?**

and many more



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