

MACHINE LEARNING CERTIFICATION PROGRAM

Designed
For Working Professionals

*Professional
Program*

**“An Investment in
AI Patasala Pays the
best Interest”**

90+ Hrs of live
interaction session by
industry experts

Lifetime Learning
Management System
Portal Subscription

3+ Real-time
projects &
Capstone projects

Guaranteed
job placement
in top MNCs

Program Highlights

AI Patasala offers Industry Accredited Machine Learning Certification Program which is designed for **working professionals**. Course features **2+ real world industry projects** and **capstone projects** under the mentor-ship and guidance of Machine Learning experts.

Course is especially designed for working professionals having **1+ years of experience** in any domain. Our course is best suited for professionals looking to change their current domain and start a new career in Machine Learning.



Live Session by Experts

- Classroom training in Hyderabad
- Live Faculty led Online Training
- 60+ hrs of Interactive Classes



Project Based Learning

- 2+ Real World Industry Projects
- Capstone Projects
- Mentorship & Guidance By Expert



Lifetime LMS Subscription

- Flexibility to attend multiple batches from different trainers.
- Life time access to Recordings



Special Support to Non-Programmers

- Learn Python from scratch
- Special classes for Non programming background students
- Real time Use Cases from multiple domain



Industry Recognized Certification in Data Science

- Certified Machine Learning program.
- Industry Accredited Global Certification Course.



100 % Job Assistance Program

- Resume support from expert
- Interview prep session and Mock interview
- Guaranteed job referrals in top MNCs



Top Rated Training Institute in India For Machine Learning Certification



Become Certified Machine Learning Expert



4.8/5 ★★★★★

Quora
Top Rated



4.9/5 ★★★★★

[Click to read reviews](#)

Program Details

Program Eligibility

Work Experience:

- Working Professionals With 1+ Years of experience in any domain (tech or non-technical)

Academics:

- BE/B.Tech (from any branch), BBA/MBA, MCA/M.Tech, B.Com, Graduation in Mathematics, Statistics, IT

Who should Apply?

- Software developers/Programmers, Project Managers, Manual and Automation Test Engineer, Java and .net Developer, Informatica, Business Analyst.
- Database Admin, System Admin, Professionals from Sales, Marketing, Operations.
- SAP domain expert, Python, Embedded developer, Android/ios developer.
- Professionals from BFSI, Supply chain, Retail, healthcare, Pharma.
- Manufacturing, Mechanical, Electrical, Automobiles, Telecom domain. We have domain specific project from these sectors.
- Professionals planning for Masters or higher education in data science and AI

To check your eligibility, talk with our qualified Counsellor:

+91 9160622221

About Instructors

The specialist trainers in this program are carefully hand-picked from the Data Science industry & are having wealth of industry experience (Mr. Ashok 12+Years, M. Anil 7+ Years, Mr. Sai 15+ Years)

Course Prerequisite

There is no Prerequisite for this course as we cover programming and statistics from basics. We provide special classes & support for professionals from **non-programming/ non-technical background**.

Fees and Duration

Weekday Batches: 2 Months

Monday to Friday – 2 hours everyday

Weekend Batches: 3 Months

Saturday & Sunday – 4 hours everyday

Program Fee: Rs. 18,000 /-

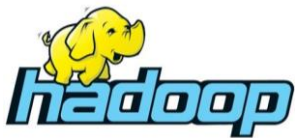
To know more about applicable discount, next batch details...

Live chat on **WhatsApp**



Click to WhatsApp

Tools and Projects



Real World
Industry
Project from
multiple
domain



Banking



Finance



Insurance



Retail



Supply Chain



Health Care



Telecom



Manufacturing



E-commerce



Automotive

Interview
Pre & Job
Assistance
Program



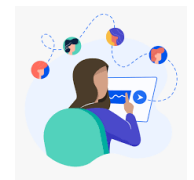
Resume Prep
Session



Interview Prep
Session



Mock Interviews
By Expert



Job Referrals in
data science

Talk to Our Career Counselor

+91 9160622221

Global Certification in Machine Learning



Become an industry expert with Machine Learning Program by AI Patasala. Upon completion of this Program, you will receive Industry recognized certificate from AI Patasala which will help you to become industry ready.



Get Industry-renowned global certification in Machine Learning. Our certification is recognized globally and industry wide in companies like JP Morgan, Morgan Stanley, Wells Fargo, Antuit , Genpact, Cognizant, Delloite, E&Y, Tredence Analytics, Mu-sigma and other top MNCs and Banking & Finance companies.

Sample Certification



Download Certificate

Job Assistance



1

Certification

After completion of your program, you will get Industry recognized Certificate.



2

Project

Attend project sessions from industry experts to get a hands-on experience of real time projects.



3

Resume Update

After certification and project session update your resume.



4

Preparation

Start preparing yourself with mock interviews and guided interview sessions.



5

Job Referral

Once you get eligible, you will start getting guaranteed Interview Calls



[Download Project and Job Referral Brochure](#)

Demo and Sample Class Recording

Data Science



Demo Session-1

Data Science



Demo Session-2



[Click to WhatsApp](#)



[Click to WhatsApp](#)



PATASALA

www.aipatasala.com

Placement And Success Stories

Surendra

Working at Mediamarksaturn

Machine Learning concepts & Statistics are very well explained by Anil. Best thing was completing the syllabus on-time as they have promised. Trainers are clearing the doubts. Got multiple joining offers from different MNCs for Data Science and AI developer.

Sharanya

Working at Deloitte

I have taken Data Science course from AI Patasala, it is Excellent training center. After my training I was equal to 1+ exp. I had a very good trainer, Real-Time Project Oriented Classes, but one thing I have to say to all that daily practice is very much needed.

Swamy

Working at TCS

It was a good and effective course with dedicated faculties for modules. You get flexibility to attend classes from multiple instructors. Very Supportive environment for learning.

Sanjana

Working at Cognizant

I Joined AI Patasala as Fresher and Attended training in data science. Course is job oriented, Practical and in-depth. To the point, well versed trainers, well-engineered course. Superb!!

Shabhana

Working at Oracle

Very well designed and structured. I really appreciate him and would want to put some light on Sai. Cheers to you guys! I had an amazing experience at AI Patasala, which got me where I am today. Thank you to each one of you and also Ashok who is handling very well. All the best guys!!

Dhanya Sree

Working at Mindtree

AI Patasala is one of the best institutes in Hyderabad. The faculty members are experienced working professionals and they help you to build the concepts in order to achieve your goals. The whole course and practical sessions are very helpful specially in the field of data science.

Lifelong Learning Management System Subscription

Lifetime Recorded classroom videos Subscription program is designed for working professional so that you can learn at your place without missing any classes. With this program, you get access to attend multiple Faculty led online batches for life-time period.

- Learn at your own place with unlimited flexible access of multiple batches.
- Option to attend multiple batches from different instructors in classroom/live online mode
- Backup classes from other batches.
- You can attend weekdays batch or weekend or both based on your availability
- Repeat or revise modules multiple times.



Program Fee

Rs. 18,000/-

**Enroll
for the
course**

For more details



+91 9160622221

How to Apply For this Program?

Talk to Our Admission Executive



Contact our Admission Team for more details on course eligibility, Queries on course curriculum, Certification etc. If your profile is suitable for this course, you will be further guided for detailed counselling and Profile Review sessions.

[Call to Us](#)[WhatsApp](#)

Attend demo session with industry expert. In this session you have live interaction with Industry expert and also will help you to understand whether your profile is suitable

[Register for a demo session](#)

Apply for demo session with Industry Expert



Pay and Enrol For this Program



Contact our Admission Officer for register your seat. Enroll for Data Science Program.

[Pay and Enroll for the program](#)

Specially Designed Curriculum as per the Industry Standards

Module 1: Introduction

- Why/What machine learning
- Real time applications of machine learning
- Data science project life cycle
- Overview of data, tools and processes
- Environment setup – Anaconda distribution setup
- Assignment/Quiz

Module 3: Numpy, Scipy and pandas

- Basic numpy and scipy operations
- Pandas library and its functions
- Assignment/Quiz

Module 5: Data preparation and pre-processing (pandas)

- Data cleaning and transformations
- Missing value handling
- Outlier handling
- Train/Valid/test split – random and stratified
- Feature engineering
- Assignment/Quiz

Module 2: Python programming language

- Basic data structures – List, Set, Tuple, Dictionary
- Functions and loops
- Object-oriented programming: classes & objects
- Packages
- Overview of python libraries (pandas, sklearn, keras, spacy, nltk, etc)
- Directory and File management
- Exception handling
- Assignment/Quiz

Module 4: EDA- Exploratory data analysis (pandas)

1. Data collection
2. Analyzing data using pandas
3. Visualization techniques – matplotlib, seaborn and plotly
4. Scatter plot, bar plot, box plot, pie chart, heat map etc.
5. Assignment/Quiz

Module 6: Machine learning

- Supervised learning– Regression, Classification
- Unsupervised learning– Clustering, dimensionality reduction
- Reinforcement learning
- Assignment/Quiz

Module 7: Supervised Learning – Regression (SK learn)

- Simple linear regression
- Assumptions of linear regression
- Multiple Linear Regressions
- Polynomial Regression
- Evaluation- MSE, RMSE, correlation, R Squared, Adjusted R Squared
- Bias- variance tradeoff
- Use case of Linear regression
- Assignment/Quiz

Module 9: Unsupervised learning – Clustering (SK learn)

- K-means clustering
- Hierarchical clustering
- Evaluation
- Assignment/Quiz

Module 11: Cross-validation, Hyper-parameterization, Stacking

- Train, Test & Validation Set
- Cross-validation (K-fold CV)
- Hyper-parameterization
- Randomized search
- Stacking
- Assignment quiz

Module 13: Neural networks (Keras with tensorflow)

- Neural network architecture
- Neuron and activation functions
- Loss function
- Back propagation and gradient descent
- Use case of neural networks
- Assignment/Quiz

Module 8: Supervised learning – Classification (SK learn)

- Sigmoid function
- Odds ratio and logit
- Logistic regression
- Evaluation - Confusion matrix, AUC-ROC
- K-fold cross validation
- Use case of logistic regression
- Assignment/Quiz

Module 10: Machine learning models (SK learn)

- Decision trees
- Ensemble models
- Bagging – Random forest
- Boosting – XGBoost, LightGBM, Catboost
- Support vector machines SVM
- Naïve bayes
- KNN – K nearest neighbors
- Evaluating all models with one use case
- Assignment/Quiz

Module 12: Dimensionality reduction

- PCA- principle component analysis
- Matrix factorization
- SVD
- Use case of dimensionality reduction
- Assignment/Quiz

Module 14: Natural language processing

- NLP and its tasks
- Text classification
- Text matching - Distance Similarity measures – Cosine, Euclidean, Manhattan, Jaccard and Minkowski
- Text Summarization
- Machine translation
- Natural language generation
- Word clouds
- Assignment/Quiz

Module 15: Coding Best practices

- python coding industry standards

Module 16: Real time end to end projects (3-5)

- working with real time expects gives confidence

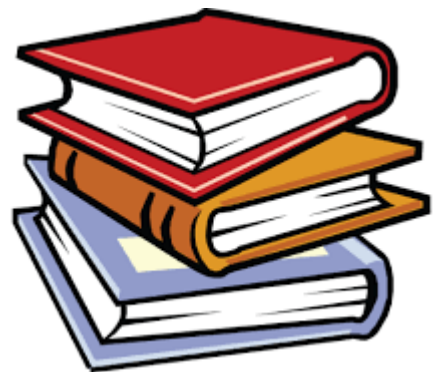
Our Free Resources

Interview Questions and Quiz



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Free Books



[Read More](#)

For Register Your Seat

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Real Time Industry Projects

Fraud detection

- Formulating Career Strategy
- Career Guidance by Experts
- Ready to Meet the Future Challenges
- Continuous Motivation



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Malware Predetection

- Skill Assessment through Mock Tests
- Reduces Stress & Anxiety about Interviewing
- Help You Boost Your Confidence
- Delivering Constructive Feedback



[Read More](#)

Profitable Customer

- Real-Time Capstone Projects
- Work on Multiple Assignments
- Build Practical Skills
- Get Industry Work Exposure



[Read More](#)



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