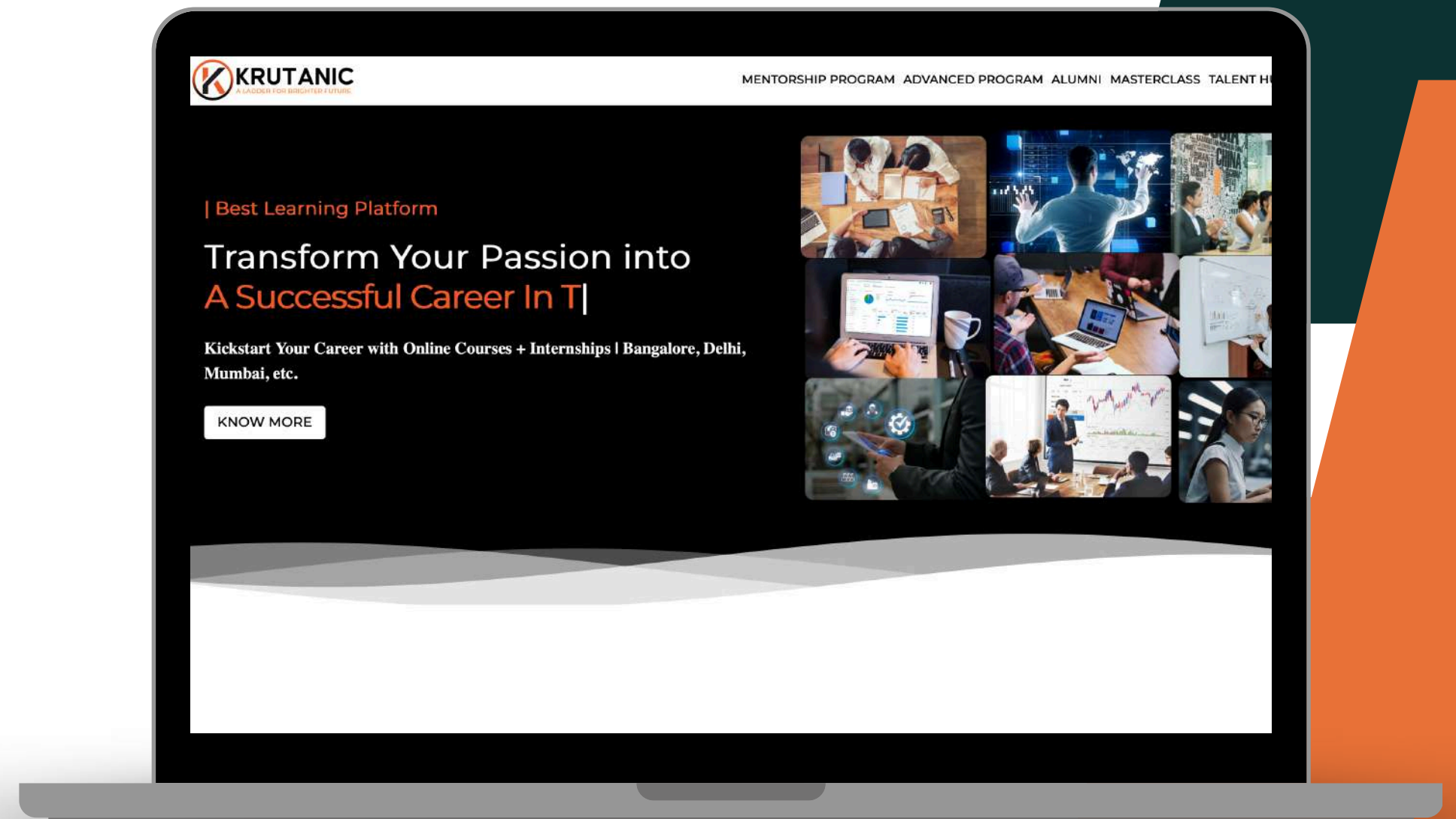




www.krutanic.com



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KRUTANIC

A LADDER FOR BRIGHTER FUTURE

We are now an **accredited partner**

under



accenture



Adobe



TRAINING AND INTERNSHIP PROGRAM



About Us

"Krutanic is at the forefront of transforming education through cutting-edge technology. Our comprehensive platform empowers learners with personalized learning experiences, collaborative tools, and real-time analytics. With adaptive assessments and interactive content creation, we enhance student engagement and achievement. Join us in revolutionizing education for the digital age, driving positive outcomes and preparing learners for success in tomorrow's world. "



A person in a dark suit and blue tie is holding a tablet horizontally. The background is dark with some light blue bokeh effects. A large orange rectangle with a white border is centered over the image, containing the text 'MACHINE LEARNING' in white, bold, sans-serif capital letters.

MACHINE LEARNING

Why Machine Learning ?

-  Automates decision-making based on data patterns
-  Solves complex problems beyond traditional programming
-  High demand across industries like healthcare, finance, and e-commerce
-  Foundation for AI advancements like chatbots and recommendation systems
-  Continuously improves with more data and usage
-  Offers lucrative and future-proof career opportunities

1st MONTH



LIVE SESSIONS

Live sessions with industrial experts having experience above 10 years in the industry.



RECORDINGS

Recordings of all live sessions available with 1 year access in our LMS portal.



INDUSTRY RELATED

Industry related curriculum designed by the working professionals in the top hierarchy.

2nd MONTH



REAL TIME PROJECTS

Two real time industrial projects One minor project and One major project.



ASSISTANCE

All mentors will be assigned as project leads and guide the intern till the completion of the project.



PERSONAL DEVELOPMENT

Additional projects for personal development can be required.



Modules Overview

- **Introduction to Machine Learning**
- **Python for Machine Learning**
- **Data Preprocessing & Feature Engineering**
- **Supervised Learning Algorithms**
- **Unsupervised Learning Algorithms**
- **Model Evaluation & Validation Techniques**

Modules Overview

Ensemble Methods (Bagging & Boosting)

Dimensionality Reduction Techniques

Time Series Forecasting

Introduction to Deep Learning

Model Deployment & Productionization

**Capstone Project & Interview Preparation(only for placement assistance
program mock interview preparation)**

Curriculum included

MODULE 01

Introduction to Machine Learning

- Understand ML concepts and types (supervised, unsupervised, reinforcement)
- Overview of ML applications in real-world scenarios
- Differences between ML, AI, and data science

MODULE 02

Python for Machine Learning

- Python basics and libraries (NumPy, Pandas)
- Data manipulation and analysis
- Introduction to Jupyter Notebooks for ML workflows

MODULE 03

Data Preprocessing & Feature Engineering

- Handling missing values and outliers
- Data normalization and scaling
- Feature selection and extraction techniques

MODULE 04

Supervised Learning Algorithms

- Linear and logistic regression
- Decision trees and random forests
- Support Vector Machines (SVM)
- K-Nearest Neighbors (KNN)

Curriculum included

MODULE 05

Unsupervised Learning Algorithms

- Clustering techniques: K-means, hierarchical clustering
- Association rules and market basket analysis
- Anomaly detection methods

MODULE 06

Model Evaluation & Validation Techniques

- Train-test split and cross-validation
- Metrics: accuracy, precision, recall, F1-score, ROC-AUC
- Confusion matrix interpretation

MODULE 07

Ensemble Methods (Bagging & Boosting)

- Concept of ensemble learning
- Random Forest algorithm
- Gradient Boosting Machines (GBM), AdaBoost, XGBoost

MODULE 08

Dimensionality Reduction Techniques

- Principal Component Analysis (PCA)
- t-SNE for visualization
- Feature reduction benefits and use cases

Curriculum included

MODULE 09

Time Series Forecasting

- Basics of time series data
- Moving averages and smoothing techniques
- ARIMA and seasonal models

MODULE 10

Introduction to Deep Learning

- Neural networks fundamentals
- Activation functions and architectures
- Frameworks: TensorFlow and Keras basics

MODULE 11

Model Deployment & Productionization

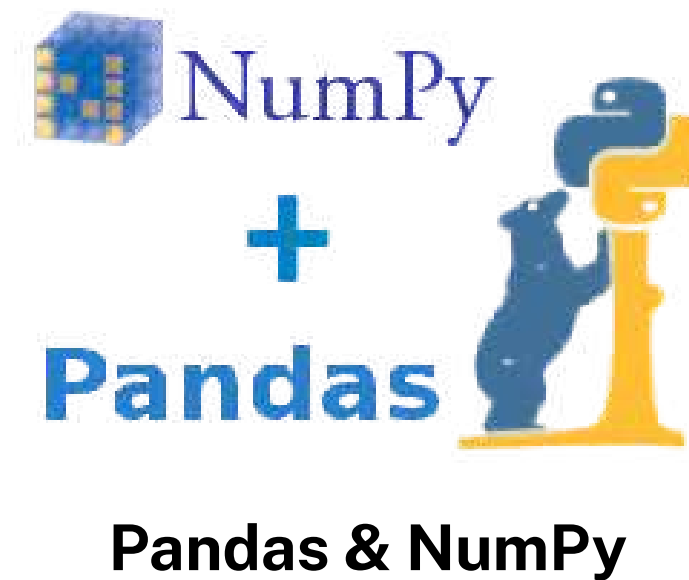
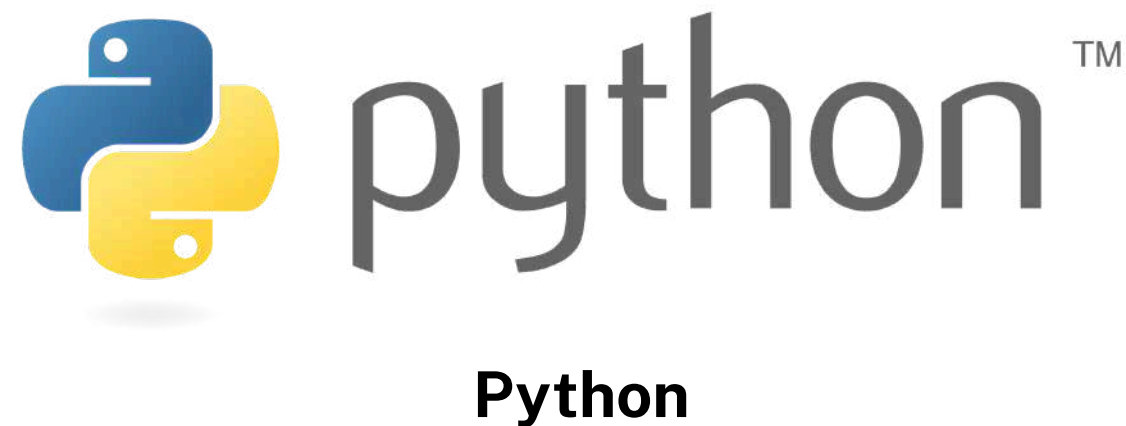
- Saving and loading ML models
- Introduction to APIs for ML model serving
- Monitoring and maintaining models in production

MODULE 12

Capstone Project & Interview Preparation

- Develop an end-to-end ML project
- Prepare portfolio and GitHub repositories
- Practice common ML interview questions and coding challenges

Tools Included



Students Reviews



Ramshad K



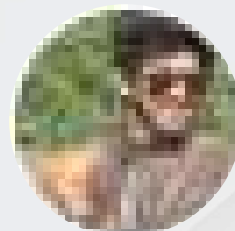
I have gained a really hands on Experience with on graphic design which was delivered by Akash sir was very supportive and endless worthy experience so far.



Rajendra Prasad



I'm Rajendran Prasad, to be honest I'm expressing my words, I have researched and found the correct certificate on LinkedIn and scan that and found it 100% genuine and verified successfully.
It's my individual recommendation for everyone that Krutanic company is perfect with quality training and real world projects.
I have seen some bad reviews and many good reviews so got confused but now I realised that Krutanic solutions is the best company ever for training and internship provider, I have learned a lot of new industrial things.



Sahad K



I got placement at Wipro through krutanic support team. I am really grateful that I got to learn from AI Mentor Ashish sir and support from my counsellor was really helpful. All thanks to Bhoomika mam my operations support member from krutanic.



Sunil Kumar



I'm Sunil Kumar, I have enrolled for Data Science program at Krutanic solutions and my experience is outstanding.
It's my individual recommendation for everyone that Krutanic company is perfect with quality training and real world projects.



Shubham Rai



Krutanic Group is truly doing a remarkable job by creating learning spaces that are not only informative but also inspiring. I've had the opportunity to attend two of their courses-Photography and Graphic Designing-and both were simply



Aman Nema



Krutanic's Full Stack Web Development program was a fantastic learning experience. The course covered essential technologies like HTML, CSS, JavaScript, React, and backend development, providing a strong foundation for building real-world web applications.
The hands-on projects and expert guidance from mentors made learning interactive and practical. This program is perfect for beginners and aspiring developers looking to enhance their skills in web development. Highly recommended.

Students Reviews



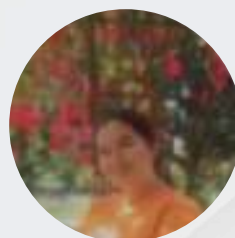
Tejas Kolekar

I am thrilled to share my enriching experience from the Artificial Intelligence and Machine Learning Internship I recently completed with Krutanic, in collaboration with Wipro, a leading multinational corporation. This 3-month program was an incredible opportunity to deepen my knowledge, enhance my skills, and grow both personally and professionally in the dynamic field of AI and ML.



Pranali Shinde

Excited to share that I've just completed a Data Science course from Krutanic! 🎉 It was an amazing journey diving into data visualization, exploratory data analysis, SQL, and machine learning. I've gained some valuable skills that I can't wait to apply in real-world projects. Big thanks to the instructors and everyone who made this experience so enriching! Looking forward to what's next!



Prabhleen Kaur

Just after few months of completion of my AI course I got my hands on attending Master class on Building AI agent without coding held in the month of March my experience was very good I get to know about new things from my mentor Mr.Aashish Mishra And at the end I received this 😊
All thanks to Krutanic for giving me this opportunity.....



Rishabh Nagar

Certificate of Training Completion from Krutanic Solutions in the field of Android App Development Krutanic Paidi Venkata Chakravarthi Sir [#krutanic](#) [#android](#) [#app](#) [#development](#) [#androidstudio](#)



Himendra Shukla

Completing my internship at **KrutaniC** has been a transformative journey, equipping me with hands-on experience in **Full Stack Web Development** and preparing me for a bright future in tech. Grateful for the guidance, real-world projects, and skills gained — here's to innovation and success ahead! *
[#InternshipCompletion](#) [#FullStackDevelopment](#) [#KrutaniC](#) [#TechJourney](#) [#Krutanic](#)



Touheed Ahmed Nadaf

Clouds conquered.
Excited to share my Cloud Computing internship certification from Krutanic!
Grateful for the hands-on learning and ready to turn this experience into an impact in the ever-evolving tech landscape.
[#CloudComputing](#) [#Krutanic](#) [#InternshipWin](#) [#TechReady](#) [#NextGenTech](#) [#FutureInCloud](#) [#LevelUp](#) [#DigitalSkills](#)

Discover why this
Machine Learning
course is essential
for your learning
journey.



Career Opportunities in Machine Learning

Machine Learning Engineer

Design, build, and deploy ML models into scalable applications.

Data Scientist

Use machine learning to analyze data, generate insights, and create predictive models.

AI Engineer

Develop intelligent systems using ML, deep learning, and NLP for real-world applications.

Career Opportunities in Machine Learning

Research Scientist (AI/ML)

Focus on developing new algorithms and advancing the field of machine learning.

Computer Vision Engineer

Build models for image and video analysis in areas like facial recognition and autonomous driving.

Natural Language Processing (NLP) Engineer

Specialize in language-based models for chatbots, translation, sentiment analysis, and more.

Certifications

01

**Training Completion
Certificate of
Validates the skills
which acquired**

02

**Internship Completion
certificate certified
by
Accenture/Adobe**

03

**Letter of
recommendation(LOR)
for your
JOB/PLACEMENT**

04

**Certificate of
excellence
(Based on you
Performance)**

Program ratings



STUDENT AVERAGE RATINGS



4.85/5

Companies where our alumni thrive



Our process

Quick Guide



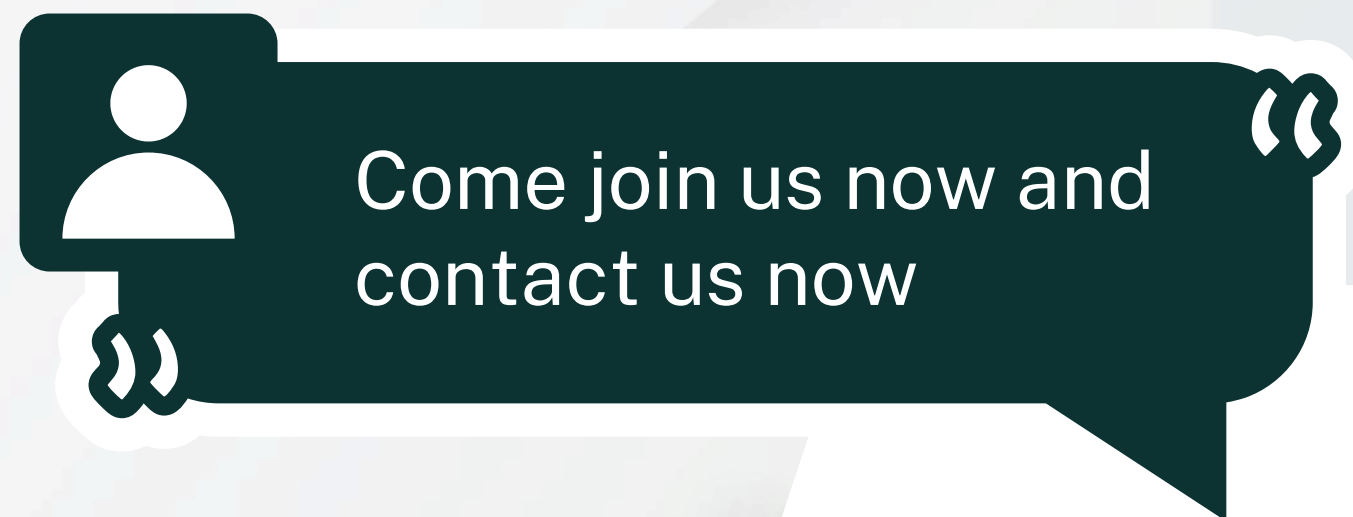
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Certifications



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