





Where patterns unveil possibilities

Data Science AI & ML CERTIFICATION TRAINING COURSE





Data Science Demo Date	•		
Data Science Time	•		
Data Science Duration	•	Months	
Data Science Trainer	3 0		
Data Science Fee	: Rs.		



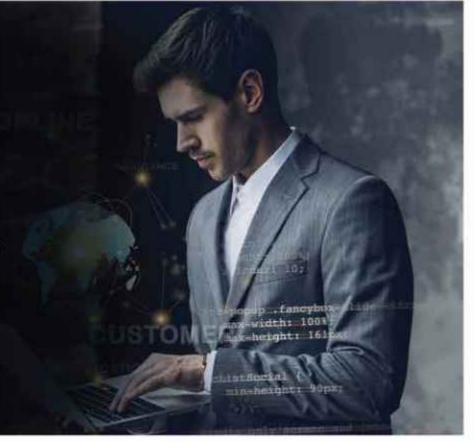




Our Expert Trainers

Hellol I'm Mukesh Having

18+ Years of Experience It's great to connect with you, and I'm here to help you on your journey into the world of Data Analytics. I'm excited to share my knowledge and experience with you as you on this. Throughout my career, I've had the pleasure of guiding numerous students, and it's always incredible to see them set out on their Data Analytics journeys.



Training Highlights

- Providing individualized support and mentorship to expedite the learning process.
- A hands-on and comprehensive approach that ensures accessibility and empowers everyone to excel through practical learning and understanding.
- A curriculum crafted by industry experts and subject matter authorities, tailored to prepare students for the real-world demands of their chosen field.
- Bringing invaluable insights and expertise to the classroom through guest lectures by prominent professionals from top multinational corporations (MNCs).

Program Pedagogy

Instructor-LED Training

Get Trained by top industry experts

1:1 Personalized Learning

Hands on exercises, project work, quizes & capstone projects

Projects and Exercises

Get real-world experience through projects

Hackthons

Get a sense of how real projects are built

Key Highlights

- 75 Hrs Instructor-Led Training
- 100% Job Assistance
- Internship Opportunities

- 90 Days Free Lab access
- Kapil IT Skill Certification
- Corporate Training Environment







Hottest Job of 21st Century

2.7 Million Job Postings

There is a global estimate of 2.7 million job postings for analytics and data science roles by 2022

Growing DevOps Industry

28.8% CAGR in Indian Analytics Industry

Popular Degree

50% of the Data Scientists have a Master's Degree

Skill Development

Data Scientists are equipped with various relevant skill, fetching lucrative job offers

Future oriented Career

Data Science and AI is a budding field: a head start will prove to be beneficial

High Demand

By 2022, India & US will face a demand supply gap of 200,000 Data Science professionals









Data Science AI & ML Training Program

About the Course

This online Data Science and Artificial Intelligence course aims for you to master the basic and advanced skills in the various tools and technologies involved in the field of Data Science, Machine Learning, Deep Learning, and Artificial Intelligence.

Module 1: Basic Statistics

Goal: Understand the foundational concepts of statistics essential for data analysis.

Topics:

- Data Types
- Measures (Descriptive Statistics)
- Probability Theory
- Sampling
- Inferential Statistics
- Hypothesis Testing

Module 2: Python for ML

Goal: Learn how to use Python and key libraries for machine learning tasks.

Topics:

- Numpy
- Pandas
- Matplotlib
- Seborn
- Scikit-Learn
- EDA

Module 3: ML-Supervised learning

Goal: Understand supervised learning algorithms and their applications.

Topics:

- Linear Regression
- Logistic Regression
- K-NN Classification

Module 4: Ensemble Techiniques

Goal: Learn ensemble methods to improve model performance.

Topics:

- Bagging
- Boosting
- Random Forest
- Stacking

Module 5: Feature Engineering

Goal: Explore techniques for feature selection and regularization.

Topics:

Feature Selection

- Forward Selection
- Backward Elimination

Regularizing Linear Models

- Lasso
- Ridge

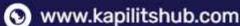
Module 6: Unsupervised Learning

Goal: Understand unsupervised learning algorithms and their applications.

- Cluster Analysis & Algorithms
- K-Means, SVM
- **Dimensonality Reduction Algorithms**
- PCA
- Collaborative Filitering











Module 7: Deep Learning

Goal: Gain knowledge of deep learning fundamentals and popular architectures.

Topics:

- Fundamentals of ANN
- Tools Tensorflow & Keras
- Activation Functions
- Recurrent Neural Networks
- CNN

Module 8: Performance and Hyper-parameter tuning

Goal: Learn techniques for evaluating model performance and selecting optimal parameters.

Topics:

- Model Selection Cross Validation
- Hyper parameters tuning Gridsearch CV/Randomized Search CV
- Performance Evaluation
- Model Deployment
- Real Time Projects:
- Real time projects with full solution











SOFT SKILLS

Roots of	LSRW	Mastering Helping
Communication	7 Cs of Communication	Verb And Main Verb
Roots of Grammar	Parts of Speech	
	Sentence Structure Development	
	Tense Logic	
	Worksheet Sessions	
Speech Intelligence	Vocabulary Development	
	Usage of words	
	Group Discussions	
	JAMS	
	Debates	
	Public Speaking	
Personality Development	Imagination and Innovation Training	
	Centralized Brain Storming	
	Problem Solving Skill s	
	Decision Making	
Mangement Skills	Time Management	
	Team Building	
	Task Management	
	Leadership Skills	
Interview Skills	Employbility	
	Think like a Professional	
	Clearing HR Rounds	
	Salary Negotiation	
	Bond Negotiation	
Presentation Skills	Research Skills	Dream Company
	Public Speaking	Reading Skills
	Visualization	Comprehension
	White Board Presentation	Skills
	Mastering Powerpoint	
	Content Creation	
Personality	Mind Mapping	
Development	Role plays	
	Mock Interview on the Hot Seat	
4	Listening Skills	135
	Critical Thinking	
	Thought Analysis	
	SWOT Analysis	





























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Mastering Soft Skills

- Employability Skills
- Communication Skills
- Job Readiness Skills
- Life Skills











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