

INDIA'S FIRST MULTI-DOMAIN AI TRAINING PROGRAM

MULTI-DOMAIN COVERAGE

- **Agriculture:** Crop yield, rainfall forecasting, plant disease detection
- **Healthcare:** Medical Image analysis, Disease diagnosis, hospital resource forecasting
- **Finance:** Fraud detection, stock prediction, credit scoring
- **IT Sector:** Object detection, computer vision models, Generative AI, LLMs.
- **Statistics:** Descriptive and Inferential Statistics, Regression, Time series, Multivariate analysis.
- **Geoinformatics:** Climate change impact modeling, air & water quality prediction, renewable energy forecasting.

Benefits

1. All participants will be awarded **E-Certificates** under one of the following categories:
 - **Excellent** – 85% and above (3-Quizzes + Attendance)
 - **Very Good** – 75% to 84%
 - **Good** – 60% to 74%
 - **Participation** – Below 60%
2. One-month **FREE Virtual Internship** for eligible participants ($\geq 85\%$ marks & attendance)
3. **Career Pathway:** Top performers considered for company openings after evaluation.

Quiz Prizes

First Prize: ₹10,000
Second Prize: ₹5,000
Third Prize: ₹2,500



In Collaboration with

AnanthaQ



Dept. of Agril. Stats., Appld. Maths. & Comp. Sc.
UAS, GKVK, Bangalore - 65

Duration: 21 Days (7 + 7 + 7)

Format: **Virtual, Hands-On Training**

Who can Participate:

- Non-coders & beginners
- AI/ML/DL enthusiast
- Students & Researchers
- Teaching & industry professional Internship seekers

“Multi-domain Hands-on practice will be explored using real datasets with AI & ML in Python”

21 DAYS

- Python (7 Days)
- Machine Learning (7 Days)
- Deep Learning (7 Days)

Date: 27/09/2025 - 18/10/2025

Time: 6:30 PM - 08:30 PM

Enrolment Price

Students/ Scholars: Rs. 2,499

Professionals: Rs. 2,999

Foreign participants: \$ 30



TRAINING CURRICULUM

Part 1: Python for AI & Data (Days 1–7)

- Basics of Python, including installation, variables, data types
- Data structures, control flow, functions
- File handling & string processing
- NumPy & Pandas for data handling
- Matplotlib & Seaborn visualizations
- Statistics for Data Science (**Day 6 & 7**) (Descriptive + Inferential)

Part 2: Machine Learning Foundations (Days 8–14)

- Introduction to AI & ML: Core concepts and workflows
- Data Preparation: Cleaning, preprocessing, and feature engineering
- Supervised Learning: Regression and classification techniques
- Unsupervised Learning: Clustering and dimensionality reduction methods
- Model Evaluation: Metrics (accuracy, precision, recall, F1, ROC, AUC) and end-to-end ML pipeline project

Part 3: Deep Learning & AI Applications (Days 15–21)

- Neural networks & deep learning with TensorFlow
- CNNs for computer vision
- RNNs, GRU, LSTMs for time series
- Transfer learning & NLP applications
- Capstone cross-domain AI project

SCAN HERE



Registration Link:

<https://tinyurl.com/3v64x5jw>

Bank Details

A/c: 924020040292529

Ifsc: UTIB0000618

Branch: Hospet

Bank: Axis

Goal of this Training Program

- The 21-Day Multi-Domain AI Training Program is designed to equip participants, regardless of their prior coding experience, with essential skills in Python, AI, and machine learning.
- **No-Prior knowledge on coding required**
- The program is tailored to help **non-coders**, students, researchers, and industry professionals apply AI and ML techniques directly to their respective domains.

ORGANIZERS



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ABOUT AVYAGRAHA

"We provide data-driven solutions,
training programs, and research
collaborations"

- **Strategic Partnerships:** Avyagraha interested for MoUs with leading universities, research institutions, and R&D companies to foster collaboration in advanced statistical analysis, AI, and data science.
- **Academic & Research Consultancy:** We offer expert consultancy in research methodology, data analysis, and statistical modeling to enhance the academic outputs of our partner institutions.
- **Training Programs:** Avyagraha provides customized training sessions in AI/ML, statistical analysis, and data science, empowering institutions and professionals to build the next generation of talent.

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