TechnoScripts

[An ISO 9001:2008 Certified Company]

GET TRAINED

BECOME EXPERT AND GET PLACED

100% JOB ORIENTED ADVANCE EMBEDDED COURSES

SCAN & CONNECT

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ABOUT US

TechnoScripts is an ISO 9001:2015 certified best training institute for advance courses in Embedded System. We are pioneer of Embedded System training in Pune development. Though we provide many different courses and training in embedded all aim at giving good practical knowledge to students as well help them in career
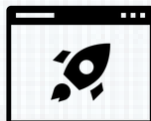
OUR FEATURES
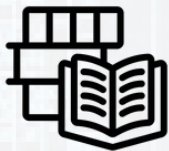
STUDY MATERIAL

ISO 9001:2015 CERTIFIED

100% PLACEMENT SUPPORT

COURSE COMPLETION CERTIFICATE

INTERVIEW PREPERATION

LIVE PROJECTS

STATE OF THE ART LABS

LEARN ONLINE / CLASSROOM

OUR COURSES

Advance Career Track

Automotive Embedded

PG Diploma in Embedded

MATLAB Simulink

MBD Training

IOT Training

Autosar Training

LIVE PROJECTS | INTERVIEW PREPERATION | MOCK INTERVIEWS

CONTACT US FOR DEMO NOW

COURSE SYLLABUS : PYTHON WITH AI WITH PLACEMENTS

Module 1: Introduction to Python Coding
Get started with Python programming, its syntax, data types, and role in AI.

Module 2: Control Structures in Python
Master conditionals, loops, and control statements to build logic-based programs.

Module 3: Functions and Modular Programming
Learn to write reusable code using functions, parameters, and lambda expressions.

Module 4: Data Structures in Python
Explore lists, tuples, and dictionaries for effective data handling and manipulation.

Module 5: Object-Oriented Programming (OOP)
Understand OOP concepts like classes, objects, and inheritance for scalable coding.

Module 6: File and Exception Handling
Read and write files, and manage errors in real-world Python applications.

Module 7: Python Libraries for AI
Work with NumPy, Pandas, Seaborn, and Matplotlib for AI-focused data operations.

Module 8: Data Manipulation with Pandas
Load, clean, and explore datasets using Pandas DataFrames and EDA techniques.

Module 9: Mathematics for AI
Learn linear algebra, probability, statistics, and calculus essential for AI and ML.

Module 10: Introduction to Machine Learning
Understand ML basics, model workflow, and use Scikit-learn for your first ML model.

Module 11: Supervised Learning – Regression
Implement linear and multiple regression models and evaluate them effectively.

Module 12: Supervised Learning – Classification
Build classification models using logistic regression, decision trees, and SVMs.

Module 13: Unsupervised Learning
Explore K-Means, Hierarchical Clustering, and PCA for discovering data patterns.

Module 14: Model Evaluation and Optimization
Evaluate ML models and optimize them using cross-validation and hyperparameter tuning.

Module 15: Neural Networks
Understand neural architectures and build your first neural network using Python.

Module 16: Deep Learning with TensorFlow and Keras
Train deep learning models using Keras, TensorFlow, and advanced optimizers.

Module 17: CNNs in Python
Implement Convolutional Neural Networks for powerful image classification.

Module 18: RNNs in Python
Work with Recurrent Neural Networks for time series and sequential data.

Module 19: Natural Language Processing (NLP) Basics
Learn core text processing techniques like tokenization, stemming, and TF-IDF.

Module 20: NLP with Libraries
Use NLTK and SpaCy for tasks like POS tagging and Named Entity Recognition.

Module 21: Word Embeddings and Sentiment Analysis
Train sentiment analysis models using Word2Vec, GloVe, and class balancing.

Module 22: Advanced NLP with Transformers
Explore Transformers and BERT using Hugging Face for modern NLP tasks.

Module 23: Reinforcement Learning Basics
Learn Q-learning and train simple agents through rewards and environment interaction.

Module 24: AI Project Development
Build and deploy an end-to-end AI project using tools like Flask or Streamlit.

PLACEMENTS

We provide 100% placement support to every student enrolled for Job oriented courses. We invite top companies for campus interview at our centre as well arrange the interviews for students at company premises.

OUR ALUMNIES ARE PLACED AT

KPIT · SANEPAR · AtoS · tcs TATA CONSULTANCY SERVICES · HARMAN

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