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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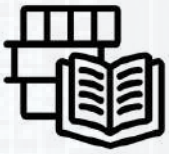
ABOUT US

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 : GENERATIVE AI COURSE IN PUNE

- *Module 1: Introduction to Generative AI: Learn what Generative AI is, how it works, and where it's used in real life.*
- *Module 2: Basics of Machine Learning: Understand how machines learn from data using simple algorithms and real-world tasks.*
- *Module 3: Introduction to Deep Learning: Explore neural networks and how they mimic the human brain to learn complex data.*
- *Module 4: Probability and Statistics for Generative AI: Use math to understand randomness, patterns, and uncertainty in data.*
- *Module 5: Introduction to Generative Models: Learn how machines can create new data, images, or text from learned patterns.*
- *Module 6: Autoencoders: Discover how autoencoders compress and reconstruct data through neural networks.*
- *Module 7: Variational Autoencoders: Dive into VAEs that can generate new data by learning from latent space.*
- *Module 8: Generative Adversarial Networks Part 1: Learn the basics of GANs, where two networks compete to create real-like data.*
- *Module 9: Generative Adversarial Networks Part 2: Explore advanced GANs like conditional GANs and how to evaluate them.*
- *Module 10: Autoregressive Models: Understand how models predict sequences step-by-step in images and texts.*
- *Module 11: Diffusion Models - Part 1: Learn the foundation of diffusion models and how they denoise data to generate new samples.*
- *Module 12: Diffusion Models - Part 2: Go deeper into diffusion techniques and apply them to generate realistic content.*
- *Module 13: Transformers in Generative AI: Understand the transformer model architecture used in GPTs and BERT.*
- *Module 14: Text Generation with Generative AI: Generate high-quality text using various models and sampling techniques.*
- *Module 15: Image Generation Techniques: Create and modify images using GANs, VAEs, diffusion, and style transfer.*
- *Module 16: Audio Generation with Generative AI: Learn to synthesize audio and music using advanced models.*
- *Module 17: Multimodal Generative Models: Combine text, images, and audio to create cross-modal AI systems.*
- *Module 18: Ethics in Generative AI: Understand risks like deepfakes, bias, and how to build AI responsibly.*
- *Module 19: Data Preparation for Generative AI: Learn how to collect, clean, and prepare data for training AI models.*
- *Module 20: Training and Fine-Tuning Generative Models: Adjust model settings and fine-tune pre-trained models effectively.*
- *Module 21: Evaluation Metrics for Generative Models: Measure quality of outputs using standard metrics and human feedback.*
- *Module 22: Optimization Techniques: Improve model performance using advanced optimizers and stabilization tricks.*
- *Module 23: Generative AI in Industry - Part 1: Discover real-world uses in healthcare, marketing, and entertainment.*
- *Module 24: Generative AI in Industry - Part 2: Explore applications in finance, retail, and manufacturing with case studies.*
- *Module 25: Deployment of Generative Models: Learn to deploy AI models via APIs and cloud platforms for real-world use.*
- *Module 26: Scaling Generative AI Solutions: Scale models for large datasets and real-time applications with cloud support.*
- *Module 27: Security in Generative AI: Protect AI models from hacking, poisoning, and ensure secure deployment.*
- *Module 28: Future Trends in Generative AI: Stay ahead with the latest innovations, tools, and future directions in GenAI.*
- *Module 29: Capstone Project - Part 1: Start planning your final AI project, including data collection and proposal.*
- *Module 30: Capstone Project - Part 2: Implement, test, and present your project for feedback and certification.*

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, Lenovo, UNISOUL, HCL, American Megatrends, Cummins, innovita, BOSCH, SIEMENS, SAMSUNG, Deloitte., KNORR BREMSE, Honeywell, Tech Mahindra, HITACHI, suntel, Onward TECHNOLOGIES, TATA ELXSI, AVIN SYSTEMS, RENU ELECTRONICS PVT. LTD., JOHN DEERE, infotech Solutions, KALYANI, Qualcomm, Valeo, ASUS, Whirlpool CORPORATION, FORBES MARSHALL, SEDEMAC

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