PRIME POINT
BEST IT TRAINING INSTITUTE

PUNE'S NO.1 IT TRAINING INSTITUTE

UNLOCK YOUR
POTENTIAL WITH OUR PREMIUM TRAINING

CAREER ORIENTED ADVANCED SKILL DEVELOPMENT PROGRAMS

DATA SCIENCE, DATA ANALYTICS & ARTIFICIAL INTELLIGENCE

FILL THE FORM

Call Us: 8446273688 | **Mail Us:** info@primepointinstitute.com

Address: Office No. 7, First Floor, Quantum Works Awfis Building, Near Nal Stop, Metro Station, Erandwane, Pune, Maharashtra - 411004

NASSCOM ACCREDITED | ISO CERTIFIED | IBM CERTIFICATION

KNOW ABOUT PRIME POINT PUNE

Prime Point is a leading training institute dedicated to empowering aspiring professionals with in-demand skills and industry-ready expertise. We offer a diverse range of courses, including Data Science, Artificial Intelligence, Generative AI and Data Analytics. Our programs are designed to equip students with industry-relevant skills and provide placement guidance to help them launch successful careers. With hands-on live project mentorship and expert-led interview preparation.

FEATURES AT PRIME POINT PUNE

100% Job Oriented Advanced Training

We provide placement guidance. You will learn how to search for the right job opportunities and apply effectively. We guide you in profile building and help you develop the technical skills needed to crack interviews.

Mock Interview Preparation with Us

A mock Interview will be conducted for each candidate where two HR and technical rounds have to be cleared by each candidate to be eligible for the placement process.

Live Industry Project with Mentor

A Live Industry Project that teaches you industry application and real hands on experience will add value to your profile and will validate your skills in the eyes of the recruiter.

Hands on Linkedin Profile Optimization

LinkedIn is your digital profile for in today's digital era, every MNC asks for your LinkedIn So we make sure that your profile outshines every other profile in our hands on LinkedIn sessions.

Resume Building Live Expert Session

Resume Building live and hands on sesssion for building ATS friendly resumes for MNCs and startup companies, for easy and smooth interview process throughout.

Online & Offline Classroom Training

Each course at Prime Point Pune is available in different modes of learning, every candidate can learn courses in online and offline classroom mode of learning.

NASSCOM ACCREDITED | ISO CERTIFIED | IBM CERTIFICATION

GENERATIVE AND AGENTIC AI DEVELOPER PROGRAM

Module 1: Deep Learning Foundation
• Neuron, Perceptron, and MLPs
• Activation Functions
• Optimizers & Loss Functions
• Backpropagation (concept & visualization)
• MNIST Digit Classifier using TensorFlow or PyTorch (demo + code walkthrough)

Module 2: NLP Foundation
• Tokenization & Embeddings
• RNN, LSTM, Encoder–Decoder
• Attention Mechanism & evolution to Transformers
• Sentiment Analysis using LSTM (guided coding)

Module 3: Transformers
• Self-Attention & Multi-Head Attention
• Positional Encoding, Layer Normalization
• Encoder-only vs Decoder-only models
• BERT, GPT, T5 overview
• Fine-tuning via Hugging Face
• Text Summarization or Classification using a pre-trained model

Module 4: LangChain
• Introduction to LangChain
• Models, Prompts & Output Parsers
• Chains, Document Loaders, Text Splitters
• Vector Stores & Retrievers
• RAG Concepts (Retrieval-Augmented Generation)
• Tools, Agents, and Function Calling
• Build a Document Q&A Chatbot using LangChain + Groq API (Free Llama 3 / Gemma Models)

Module 5: LangGraph
• What is Agentic AI
• Generative vs Agentic AI
• Sequential, Parallel & Conditional Workflows
• Chatbot with LangGraph
• Persistence & Resume Chat
• Integration with LangChain
• Create a Research Assistant Agent using LangGraph + LangChain + Groq API

Module 6: Model Context Protocol (MCP) + Final Integration
• What is MCP and why it matters
• How MCP enables tool interoperability
• Integrating MCP with LangChain & LangGraph
• Use cases in multi-agent collaboration

Final Capstone Project:
• Agentic AI System with RAG + Memory + Multi-Agent Reasoning
(Powered by Groq API and LangGraph)⚙ Learning Tools
• Python, TensorFlow, PyTorch
• Hugging Face Transformers
• LangChain, LangGraph, LangSmith
• Groq API (Free, Open Models: Llama 3, Gemma, Mixtral)
• SQLite / FAISS / Pinecone
• Streamlit / Gradio for Deployment

CAREER ORIENTED ADVANCED SKILL DEVELOPMENT PROGRAMS

Data Science & Analytics Training: Master tools like Python, R, SQL, and Machine Learning while gaining hands-on experience with real-world datasets. Learn to analyze data, build predictive models, and make data-driven decisions.

Artificial Intelligence Training: Dive into AI with neural networks, TensorFlow, PyTorch, NLP, and computer vision. Develop intelligent systems and AI-powered applications through practical, industry-relevant training.

COMPANIES WHERE OUR STUDENTS PLACED

SCAN THE QR AND FILL THE FORM TO REGISTER IN CAREER ORIENTED ADVANCED SKILL DEVELOPMENT PROGRAMS