



Generative AI - ML & DL

Summer Internship Program

ABOUT THE PROGRAM:

With the belief to build a healthy ecosystem as per the Industry Standards REGex Software brings an Training/Internship Program on “Generative AI – ML & DL”. We organize Machine Learning and Deep Learning Summer Program for improving the knowledge and skills of the Students, So that they can become specialized in the field of Machine Learning and get their Dream Job in Software Development Field in Big MNCs.

REGex Software Services’s “Generative AI – ML & DL” program is a valuable resource for beginners and experts. This program will introduce you to Python, Machine Learning, Deep Learning etc. from Basics to Advance. [If you want to become Machine Learning Expert, REGex introduce this program for you.](#)

Mode:

Physical (Jaipur) or Online (Google Meet)

Duration:

45 – 60 Days

Weekly Duration:

20 Hours Per week

Eligibility Criteria:

B.Tech, BCA, M.Tech, MCA pursuing Candidates only

What you will Learn?



Python



Machine Learning



Deep Learning



Gen AI



Real-Time Projects



④ Study Material

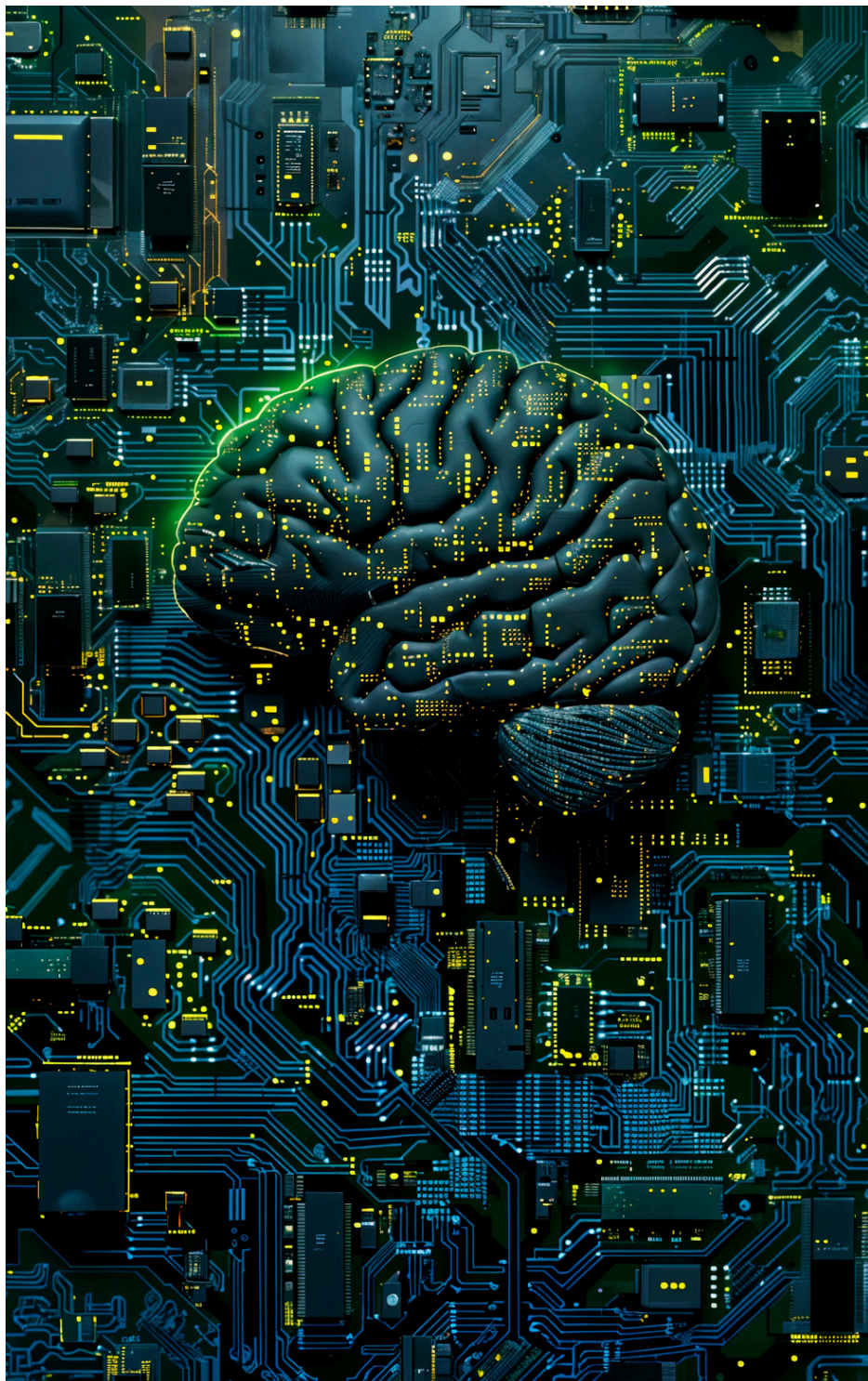
- E-Notes
- Assignments & Poll test
- Live & Hands-on Sessions
- Access of Recordings & Study Material
- Mentorship Support
- Work on multiple Minor Projects & Use Cases
- Work on Live Projects

④ Output

- Able to think out of the box
- Become expert in multiple technology domains like: Python, Machine Learning, Deep Learning
- Understand working of ML models deployment with AWS
- Build projects on multiple technology domains
- Work on Use CASES & Projects
- Learn to deploy your models on AWS Sagemaker or Google cloud Platform

④ Key Benefits & Perks

- Get Summer Internship Offer Letter
- Need to Spend Min. 5 hours with REGex
- Get Internship Project Completion Certificate
- No Previous Knowledge Required
- Get Summer Training Certificate
- Get Performance based Letter of Recommendation (LOR)



OUR STUDENTS PLACED // PARTNERSHIP



COURSE CONTENT:

Python

- Introduction to Python
- Basic Python Syntax
- Control Structures
- Data Structures
- Functions and Modules
- File Handling
- Object-Oriented Programming (OOP)

- Exception Handling
- Advanced Topics
- Best Practices and Coding Guidelines
- Practical Projects
- Python Ecosystem
- Python in the Real World
- Python Ecosystem
- Python in the Real World

Machine Learning

- Introduction
 - Data Cleaning & Munging with – Python
 - Understanding all concepts of ML
 - Supervised & Unsupervised Learning
 - Simple Linear Regression
 - Multiple Linear Regression Intuition
 - What is Regression with its use cases
 - Classification
 - Dimension Reduction & Feature Selection
-
- K-Mean Clustering

Model Deployment & Projects

- Capstone Projects & Use Cases
-

Deep Learning

- NLP
- Understanding about Deep Learning
- More Mathematics Concepts

Gen AI

- Transformers Architecture
- LangChain
- Gemini & Groq API Integration
- Hugging Face

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