Artificial Intelligence

(Data Science, ML, DL, Gen AI & Agentic AI)
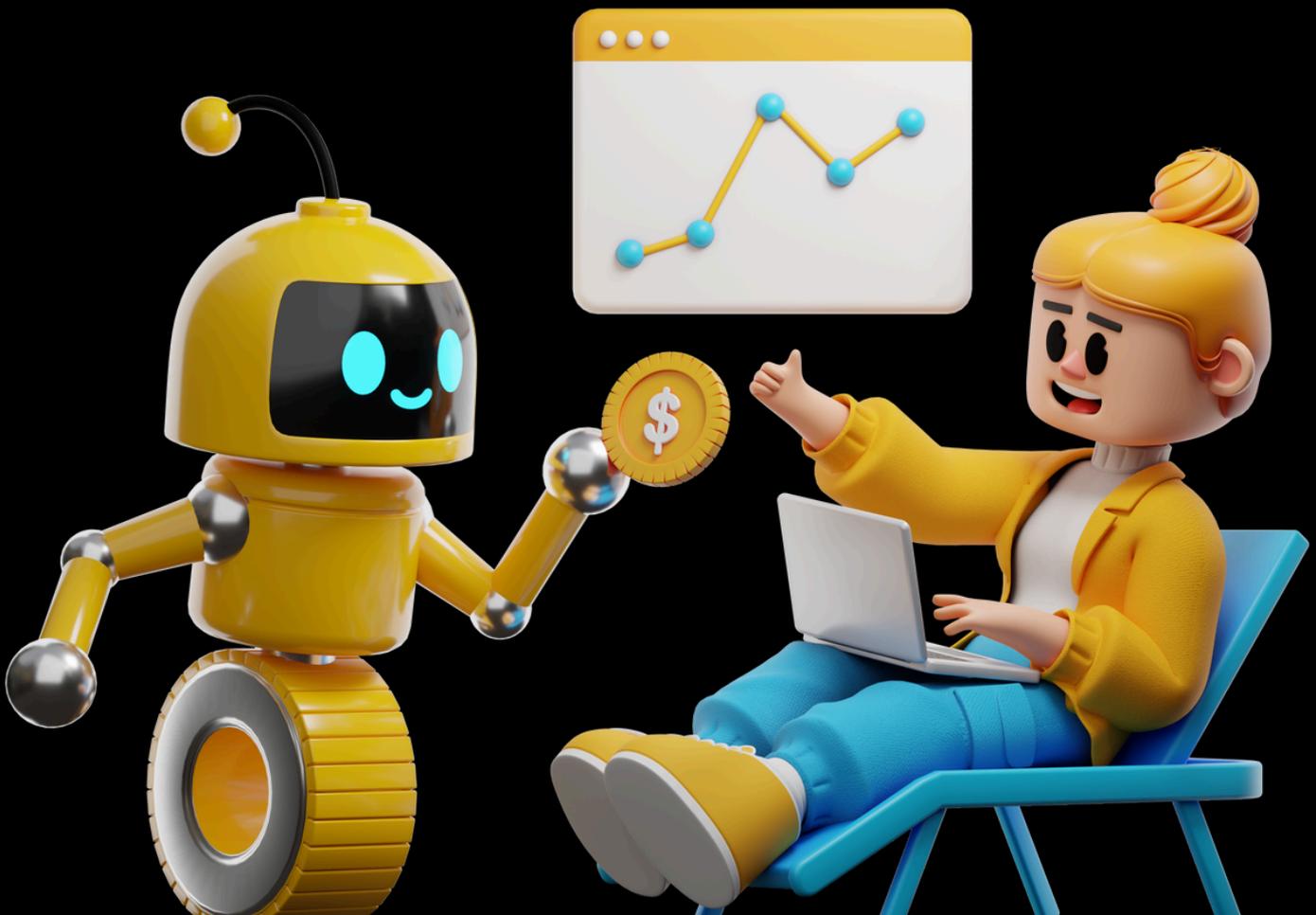
BROCHURE & CURRICULUM
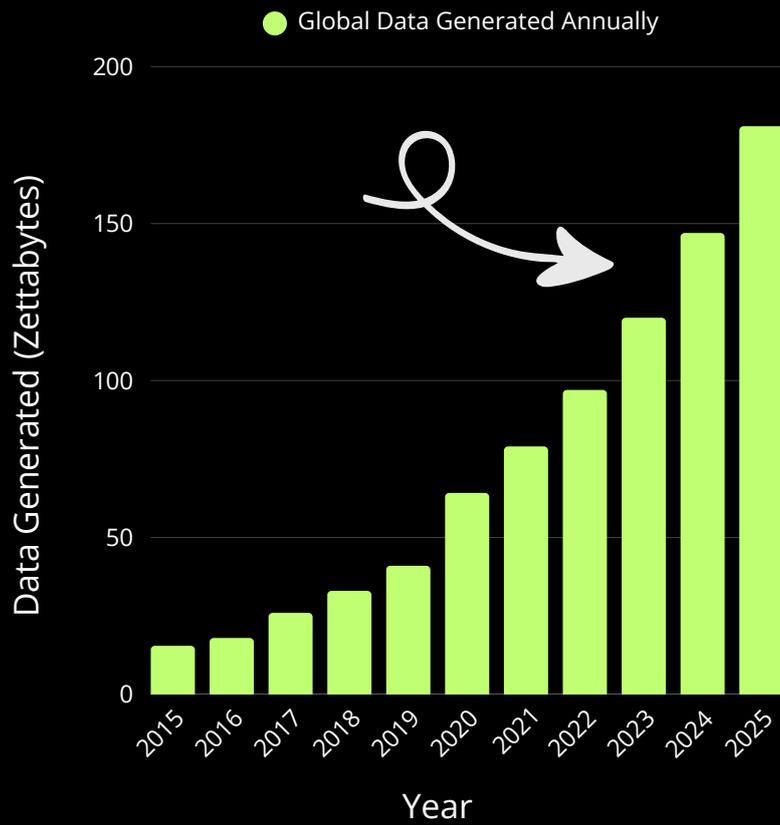
2026

DEGEN DEN
ACADEMY

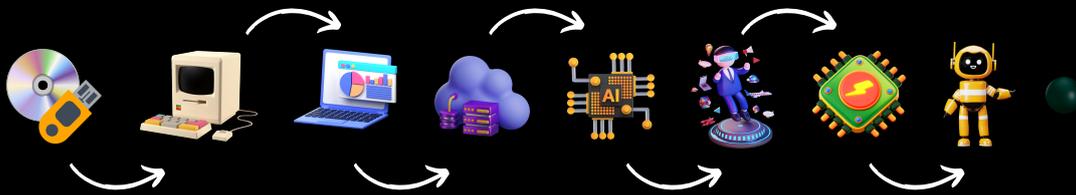# #StandOutFromTheCrowd

Data Growth <u>Meets</u> Computing Power

Global Data Generated Annually

Data Generated (Zettabytes) vs Year (2015–2025)
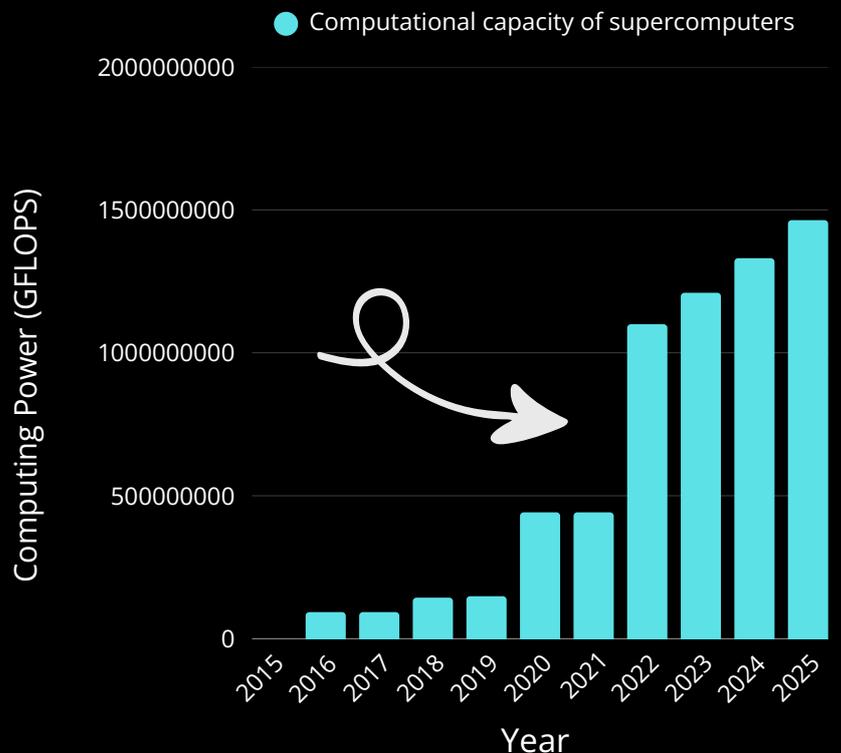
Data is Skyrocketing 📈

- Over <u>90%</u> of the world's data has been created in the <u>last 2 years</u>.

- In 13 years, our data generation surged 60-fold from 2 zettabytes in 2010.

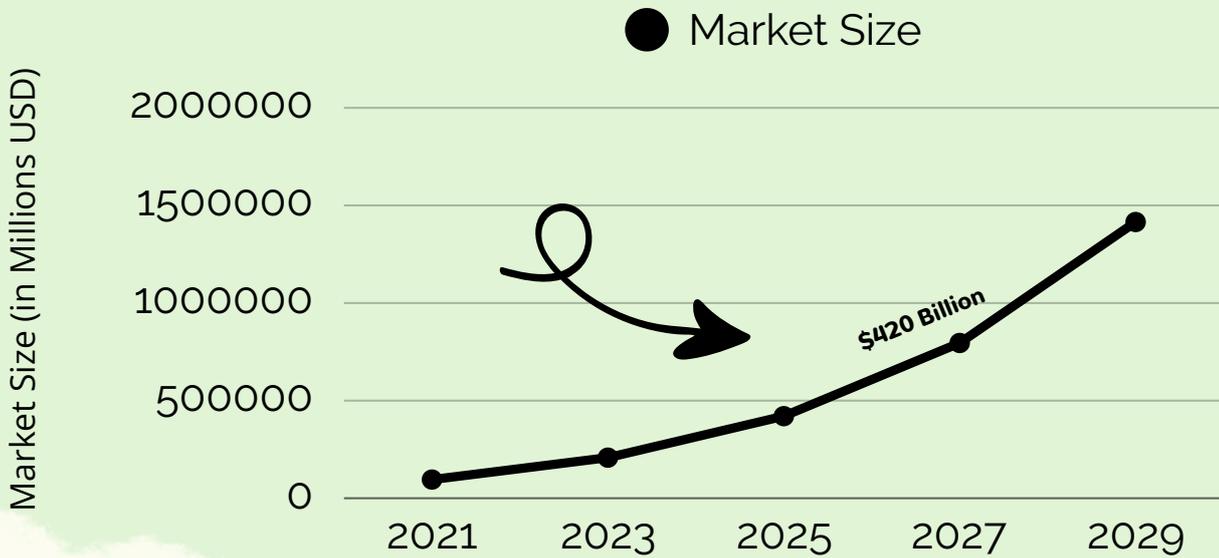- *1 Zettabyte = 1 billion TB*

Computing power is Accelerating..

- Computing power soars <u>exponentially</u>, from the '90s to today.

- Huge leaps in processors – from millions to <u>billions of FLOPS</u> in a decade.
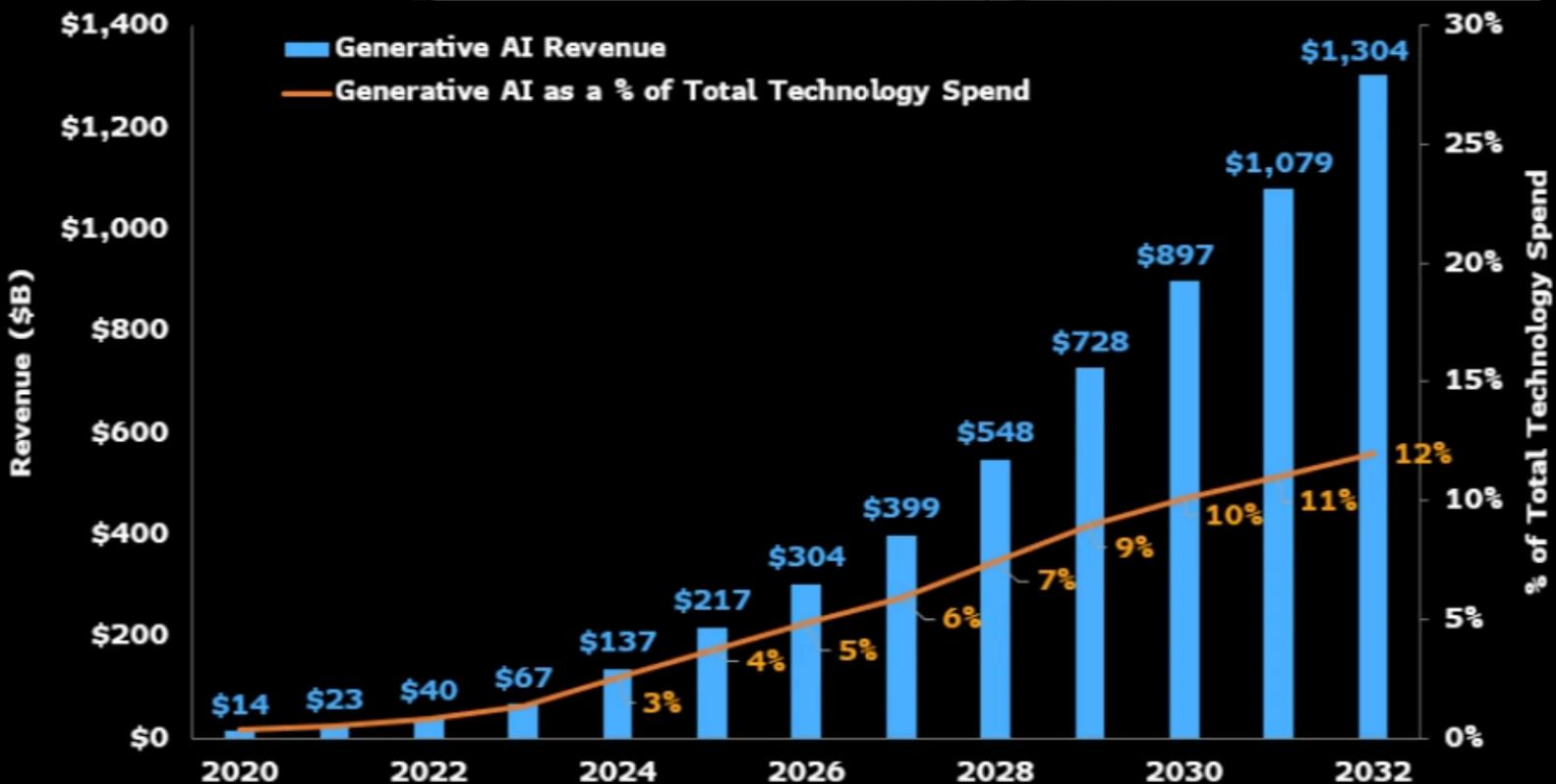
Computational capacity of supercomputers

Computing Power (GFLOPS) vs Year (2015–2025)

The Global AI market (2030)
$1.85 Trillion

● Market Size

Market Size (in Millions USD)

2000000

1500000

1000000

$420 Billion

500000

0

2021 2023 2025 2027 2029

According Bloomberg research, **Generative AI** to Become a **$1.3 Trillion** Market by 2032,

Revenue ($B)

$1,400

$1,200

$1,000

$800

$600

$400

$200

$0

■ Generative AI Revenue
— Generative AI as a % of Total Technology Spend

$14 $23 $40 $67 $137 $217 $304 $399 $548 $728 $897 $1,079 $1,304

3% 4% 5% 6% 7% 9% 10% 11% 12%

% of Total Technology Spend

30%

25%

20%

15%

10%

5%

0%

2020 2022 2024 2026 2028 2030 2032

Industry
Roles & Responsibilities

01 Data Scientist

Analyzes data to build predictive models and extract actionable insights.

02 ML Engineer

Designs, trains, and deploys scalable ML systems in production.

03 AI Engineer (LLM & GenAI)

Builds and integrates generative AI & large language model applications.
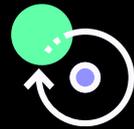
04 Deep Learning Engg

Designs and trains neural networks for vision, language, and speech.

05 AI Agent Developer

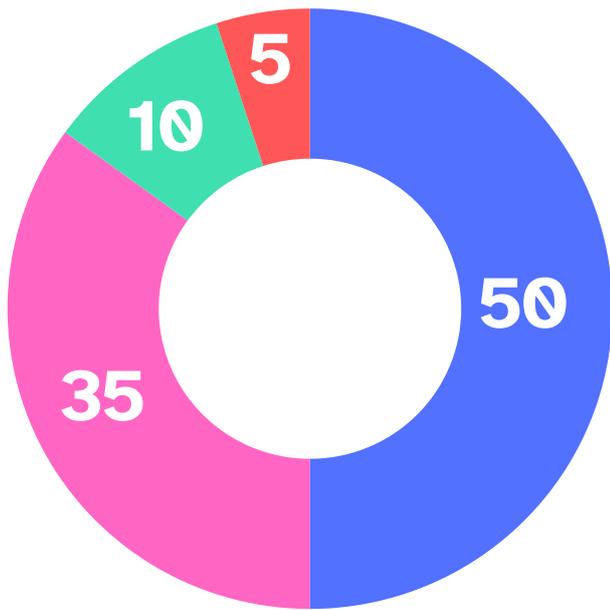Builds AI agents that reason, use tools, and automate workflows.

06 Machine Learning Ops Engineer

Ensures reliable deployment, monitoring of AI models.

Required Education Level

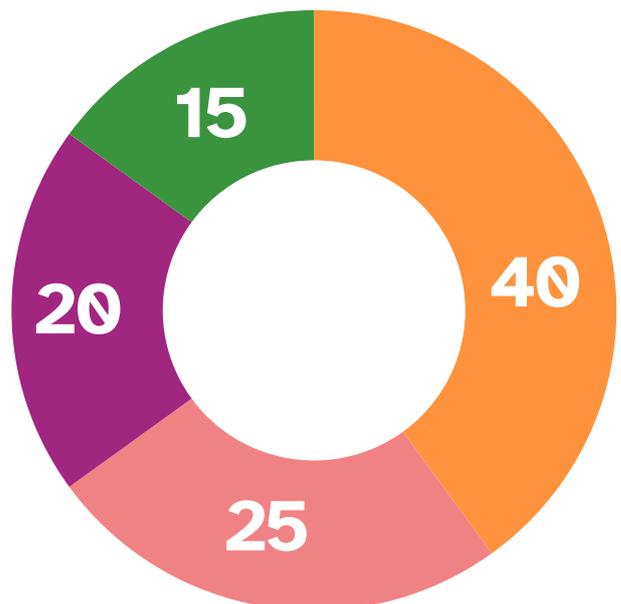- **Master's** : 50%
- **Bachelor's** : 35%
- **PhD** : 10%
- **Others** : 5%

Avg Salary (Y)

₹ 5L - 10L

Avg Salary (Y)

$ 70K - 250k

Required Experience Level

- **Mid Level** : 40%
- **Entry Level** : 25%
- **Senior** : 20%
- **Lead** : 15%
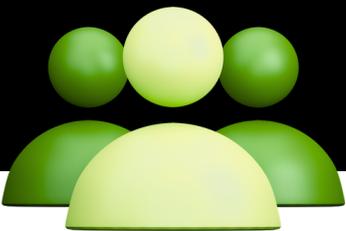
Who We Are

Degen Den Academy is the training & research hub of the Degen Den XYZ ecosystem, Where We focus on Deep Techs like AI, Cyber Security, Blockchain & Crypto and Quantum Computing.

- **3-Month training Programs:**
  - Learn fast with clear roadmaps, tailored for beginners.

- **Hands-On Learning:**
  - Build real-world skills through interactive classes & labs.

- **Deep Tech Focus:**
  - Master AI, CyberSecurity & Quantum Computing as well.

- **Part of the Degen Den Cult:**
  - Connect with a group of people who think differently.

DEGEN DEN DAO

Funds, governs, and connects the entire ecosystem.

DEGEN DEN LABS

Builds innovative tools, platforms, and products.

DEGEN DEN ACADEMY

Offers 3-Month LIVE deep-tech training programs for beginners.

Our Training Program Overview

Our training program is perfect for **beginners** wanting to explore **Data Science, AI/ML** from the **ground up**, with **step-by-step** guidance.

Duration
3 Months

Mon-Fri
1 Hr Class

Class Mode
ONLINE

Class Type
LIVE Zoom

✅ Practical - Project - Based Roadmap

✅ Beginner Friendly with Zero Prerequisites

✅ Part of Degen Den XYZ EcoSystem

✅ Life Time Career Guidance & Support

The **4 Pillars** of Artificial Intelligence

1 — Data Science [Most IMP]

- ✅ Understanding Data & It's types
- ✅ Structured Data Pipelines End to End
- ✅ Data Cleaning, Visualization, Correlation, etc..
- ✅ Unstructured Data : Image, Audio, Text & Video
- ✅ Python : DataTypes, Loops, Functions, Classes
- ✅ Python Libs : Numpy, Pandas, Plotly, Seaborn
- ✅ Automatic Workflows for Data Pipelines
- ✅ Mathematics : Statistics, Vectors, Tensors
- ✅ Tools : Kaggle, Python, Power BI, Github
- ✅ 1 EDA (Exploratory Data Analysis) Project

2 — Machine & Deep Learning

- ✅ Machine Learning Vocab & Terminologies
- ✅ Supervised ML : Regression & Classification
- ✅ Feature Engineering & Dimension reduction
- ✅ ML Algorithms : Linear, Logistic, Trees, Forests
- ✅ ML Metrics & End to End ML Pipelines
- ✅ Neural Networks & It's end to end training
- ✅ Forward propagation & Back Propagation
- ✅ NLP: Tokenization, Vectorization, Encoding
- ✅ Python Libs : Scikit-Learn, Pytorch, CV, NLTK
- ✅ 3 Projects : 2 ML & 1 DL [End to End] Projects
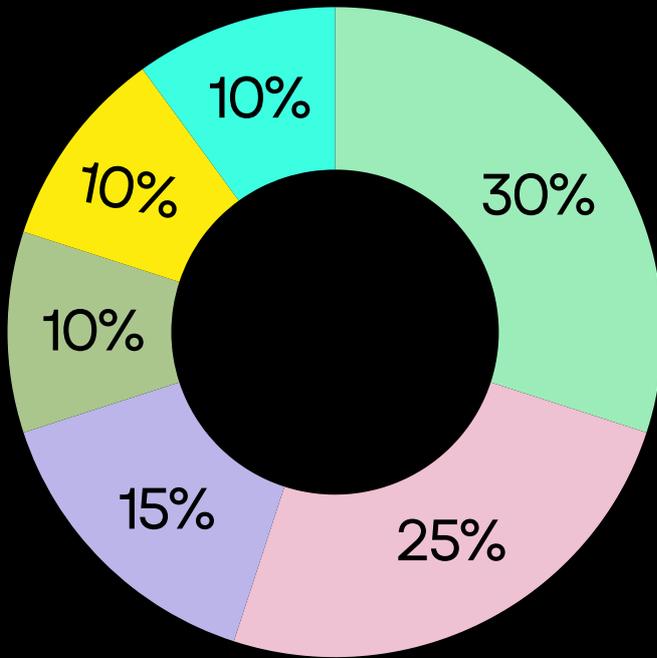
3 — Gen AI & Agentic AI

- ✅ Convolutional Neural Networks [End to End]
- ✅ Recurrent Neural Networks [End to End]
- ✅ CV : Detection, Segmentation & Localization
- ✅ Generative Adversarial Networks (GANs)
- ✅ Top Image/Video Generation Algorithms
- ✅ NLP: Language Models & Transformers
- ✅ LLMs: Data, Brain, Memory, Context & Cost
- ✅ RAG Pipelines & Vector Databases
- ✅ Model Context Protocol (MCP) End to End
- ✅ Single & Multi AI Agent Systems & Workflows

4 — Degen Den's Special

- ✅ Understanding LLM's Problems & Infra Cost
- ✅ Hallucination Analysis & Eval Frameworks
- ✅ Bias & Propaganda Free AI Systems
- ✅ Frontier Model Risks & Compute Economics
- ✅ AGI: Definitions, Myths & Reality
- ✅ Synthetic Intelligence Ecosystem™ (SIE™)
- ✅ Cognitive Drift Simulation™ (CDS™)
- ✅ Emergent Language Lab™ (ELL™)
- ✅ Ethical Collapse Experiment™ (ECE™)
- ✅ Autonomous Civilization Simulation™ (ACS™)

Majority of our learning comes from real world dataset hands on practise and projects.

Chart	Legend
30%	Machine learning & Deep Learning
25%	Data Science & Engg
15%	Computer Vision
10%	NLP Engines
10%	Gen AI & Agentic AI
10%	AGI

All necessary tools to do AI will be taught.
No prerequisites required & No worries.

python · NumPy · pandas · plotly · scikit learn · kaggle · PyTorch

OpenAI · Grok · Gemini · OpenCV · pillow · NLTK · spaCy · SQL → mongoDB · Pinecone

Hugging Face · LangChain · Weights & Biases · OpenAI Codex · CLAUDE CODE · aws

AND MORE......

CERTIFICATE OF COMPLETION
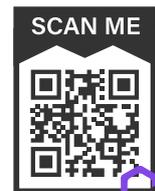
THIS CERTIFICATE IS PROUDLY PRESENTED TO

Your name here

has successfully completed the **Artificial Intelligence Program**
with 4 projects, with a project score of **8.3** at Degen Den Academy.

GRADUATED
2025

SCAN ME

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madhu

Madhu Sanjeevi
Approved Trainer

metamady

metamady.eth
Founder & CEO

NFT

NFT Degree Certification

For **Above Average Performers** throughout the program, we offer a unique **Non-Fungible Token (NFT)** Degree Certification After The Program.

This certification comes with **several benefits**:

- **Ownership :** You own <u>a small percentage</u> of our company
- **Exclusive Rewards**: Incentives for exceptional performance.
- **Elite Community**: Networking with top achievers.
- **Recognition**: Acknowledgment of dedication and skill mastery.
- **Support**: Continuous love & assistance for career success.

Why Should you Join DEGEN DEN ?

- **We're not for <u>everyone</u> — and that's the point.**
  - Degen Den is built for the <u>smart</u>, the curious, and the ones who <u>refuse</u> average.

- **<u>Dumb</u> people chase jobs. Smart people build skills**
  - We don't teach you to look for <u>work</u> — we train you to create <u>opportunity</u>. 0% Job Assistance. Period.

- **Because your <u>TIME</u> is your most valuable currency**
  - You <u>save years</u> of confusion by learning the right way, fast & <u>effective</u>.

- **All academies teach what <u>exists</u> on internet**
  - Degen Den Academy creates what's never been seen before on internet — because it's our <u>ART</u>.

Contact

DEGEN DEN
ACADEMY

📞 **+91 74 168 152 37**

🌐 **academy.degenden.xyz**

Registrations are open
Secure **your spot** for the **upcoming** batch today!

Referral Code

Join Our **AI**
Program Today!

Use Referral Code:
"AGI2026DD"

Get a discount for them,
a prize for you!

THIS AI PROGRAM LOOKS PERFECT FOR BEGINNERS

YOU ARE GOING TO JOIN, RIGHT!

YOU WILL JOIN, RIGHT?