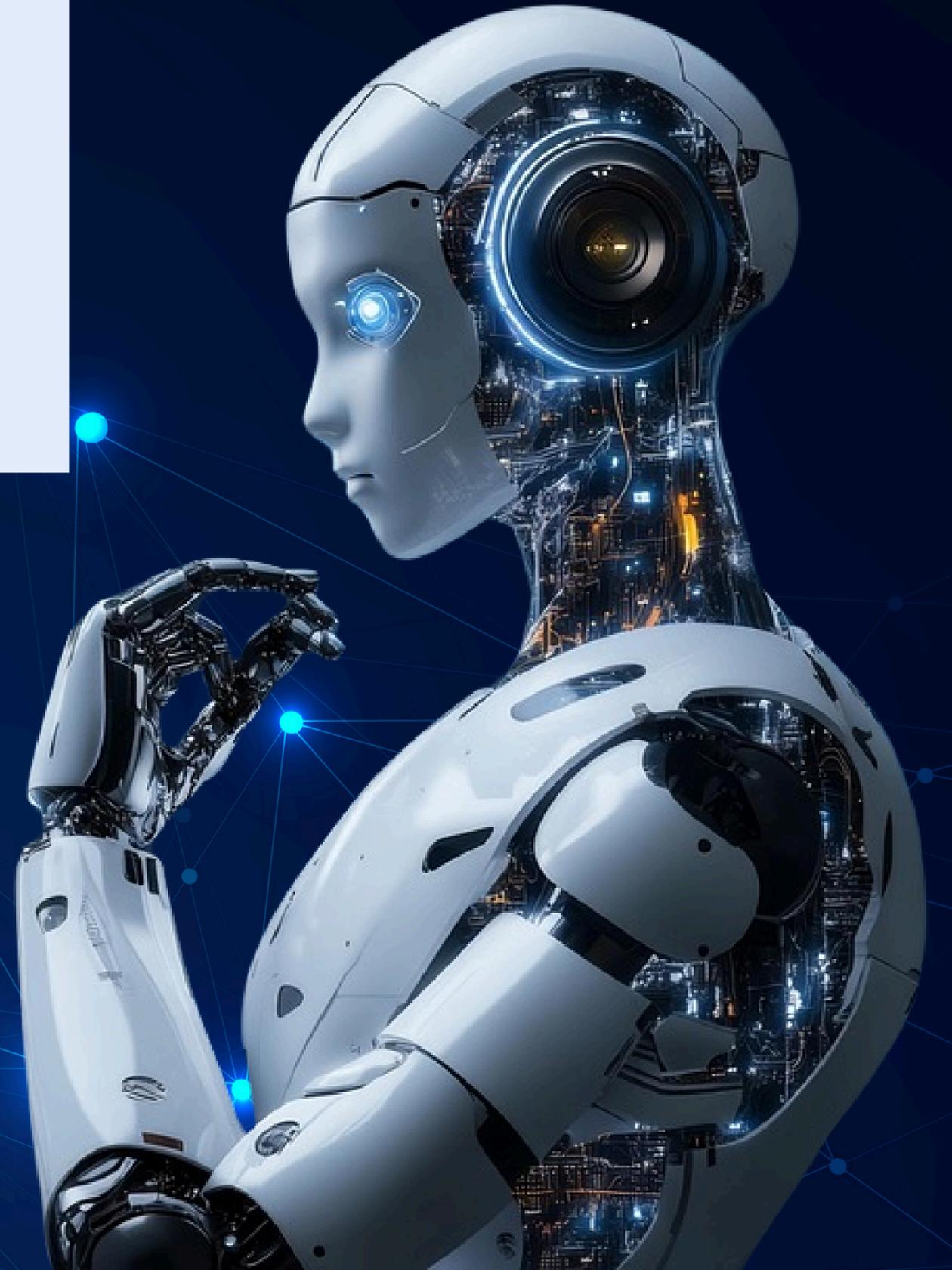# WealthGO Institute

The Power of Artificial Intelligence

www.wealthgo.in

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WHY GENERATIVE-AI?

Generative AI stands at the forefront of technological innovation, revolutionising the way we interact with technology. It's not just a breakthrough; it's a game-changer. This cutting-edge technology harnesses the power of machine learning to create, imitate, and generate content autonomously, opening doors to endless possibilities. Generative AI's importance lies in its capacity to push creative boundaries across various fields. From art and music to healthcare and finance, it's enabling new dimensions of creativity, efficiency, and problem-solving. It crafts realistic images, generates personalised content, and even aids in drug discovery through simulations. In today's world, Generative AI is transforming industries. It's streamlining workflows, automating repetitive tasks, and augmenting human capabilities. In the future, it promises groundbreaking advancements in personalization, entertainment, and research, fostering a world where AI collaborates seamlessly with human ingenuity. Imagine AI creating bespoke experiences tailored uniquely to individual preferences or revolutionising entire industries with innovative solutions. Generative AI is not just a technological leap; it's a gateway to an era of boundless creativity and innovation, offering a glimpse into a future where the unimaginable becomes reality. Join the journey into a world redefined by Generative AI.t

CURRICULUM

1. Python

Python Basics

Basics Data Structure & OOPs concept.

Advance Python

**Concepts like handling errors and exceptions,
logging event details,
making python modules.**

Databases and Web API

**Get familiar with DBMS like MySQL(SQL) & MongoDB(No-SQL).
Creating API connections using Python. Basic understanding of Web application architecture**

2. Statistics

Basics in Statistics

Get familiar with statistical concepts.

Advance Statistics

Get familiar how statistics makes impact behind any business idea to be implemented.

3. ML-1

Introduction

Get familiar with fundamental terminologies in the Data Science domain.

Feature Engineering

Get familiar how statistics makes impact behind any business idea to be implemented.

Exploratory Data Analysis

Learn to use Statistics to explore data and find insights from the data to monitor key parameters.

ML Algorithms

 Learn the fundamental ML algorithms used in Industry:

– Regression Models

– SVM

– Clustering Algorithms

– Decision trees, and Ensemble Techniques

– Bagging and Boosting techniques

PROJECT

Learn to build a product using ML models and deploying it on cloud, to use it from anywhere:

– Spam detection

– Climate Visibility

4. Deep learning

ANN

Learn the concept of building Neural Networks and how it brought revolution in the Data Science domain. Learn to use industry demanding Deep Learning libraries like Tensorflow & Pytorch.

– Project: Mini Project In TensorFlow

CNN

Learn to build various CNN models from scratch and to use prebuilt CNN models from using it in Image Classification to object detection, and many more applications in various industries.

– Project: Face detection Project

5. NLP

Learn how to prepare textual data for NLP and basics of RNN and other advanced models in NLP.

6. Generative AI

 Learn the current in demand AI tools and techniques used in industry to analyse and synthesis of data(it can be textual data or image or video) like:

– Hugging Face
– LLMs
– BERT
– GPT
– Image generator

– Project: Learn to build a chatbot from scratch using Langchain and Chainlit that not only reponds textually but also generate visual

7. Power BI Optional

EXPERIENC SEAMLESS SUPPORT

Have queries?
Engage instantly via Reve
Chat for real-time
assistance.
Connect through Dashboard
Doubt forum for prompt
responses.
(For Tech Queries)

Prefer a personalised touch?

Request a Call Back or
rely on our Email Support
for comprehensive
assistance. (For Non Tech
Query)

Communit Channel Advantage

Join our Telegram Community
Channel for unparalleled
connectivity and an immersive
community experience,
fostering growth and shared
knowledge! (For Personal
Discussion among peers)

Your satisfaction is our priority!

Connect effortlessly, we're here to ensure your journey with us is smooth and hassle-free.

Artificial Intelligence Technology

**Deep learning
5 Week**

**Machine learning
6 WEEk**

Mastering Generative A
6 Week

Capstone Projects With
Deployments 3 Week

Python
Programmi
ng 7 Weeks

Statistics
2 weeks

Feature
Engineering
2 Week

**Nlp
3. week**

The future of Artificial Intelligence

The future of AI will see it become a powerful entity integrated into nearly every aspect of life, from automating complex tasks and accelerating scientific discovery to creating art and providing personalized support

Increased Automation & Productivity:

Revolutionized Healthcare:

Enhanced Creative Expression:

A New Age of Human-AI Collaboration:

Autonomous Agents & Robots:

Human-Level Reasoning:

PROJECTS

Robotics with
Artificial Intelligence

Climate Visibility
Custom Chat Gpt
Name Entity recognition
Spam Detection
Sign Language Detection
Customised Chat bot
Gen AI An alexa like assistant
On prompt image and caption generator

Thank You

Boost your results with AI.

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**Add. sambhar singh complex Chandrika devi gate bakshi
ka talab Lucknow (UP)**

Resource Page