

Introduction to Gen AI Fundamentals I for Beginners

Description

This course is designed to familiarise the attendees with the fundamental concepts forming building blocks in Gen AI. This Comprehensive course is carefully curated to provide a blend of fundamental concepts, industry applications, and hands-on learning. Generative Artificial Intelligence (Gen AI) is a type of AI that can create new content, such as audio, images, text, code, videos using Artificial Intelligence.

Outline

Session 1: Introduction: What is Gen AI?

Session 2: Use Cases Across Industries

Session 3: Building own Chatbot

Session 4: Ethical Considerations and Future Trends

Prerequisite

None

Objectives

Using appropriate data, introduce delegates to:

- Gen AI Tailored for Beginners
- Key Concepts – LLM, Embeddings, Prompt Engineering, Fune Tuning
- Hands-on Experience creating your own Application
- Future trends and how to stay relevant

Outcome

Delegates will leave the sessions with exploring how Power BI can make your business more efficient creating compelling visualizations and reports.

Program

Session 1:

1. Introduction: What is Gen AI?
2. Artificial intelligence (AI), Machine Learning (ML) & Deep Learning
3. Explore ChatGPT Features & Capabilities
4. Key Terminologies
 - i. Large Language Model (LLM)
 - ii. Prompt Engineering
 - iii. Embeddings
 - iv. Fine Tuning

Session 2:

1. Gen AI Use Cases Across Industries
 - i. Software Development
 - ii. Retail
 - iii. Marketing

Session 3:

1. Building your Own Gen AI Application
 - i. Setting up environment & Keys
 - ii. Creating Application

Session 4:

1. Ethical Considerations and Future Trends
 - i. Responsible AI
 - ii. Future Potential & will GenAI take over human jobs?
2. Conclusion and Next Steps

Training Times

09:00 – 10:30 Lesson(s)

10:30 – 11:00 Break

11:00 - 12:30 Lesson(s)

(GMT+2)

Cost

Contact info@data-shack.co.za