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| <b>Course Title:</b> Generative Artificial Intelligence (AI) Online |                           |
| <b>Exam:</b> Not Included                                           | <b>Exam Type:</b> No Exam |
| <b>Qualification:</b> EXIN BCS Accredited AI Essentials             |                           |

## Course Syllabus

Our Generative Artificial Intelligence (AI) online training package will cover the following:

### Introduction to the Axveco Learning Platform

Introduction to Generative AI

### Text and Prompt Engineering

#### OpenAI – Getting started

OpenAI – ChatGPT, GPT, DALL.E and VALL-E

### Image Generation

Generating images using Stable Diffusion Models

### Voice, Music and Video Generation

#### Generating Voice and Music

Generating Sound with AI

### Generating Animations and Videos

Generating Animations and Video with AI

### 3D Worlds and Metaverse

Metaverse and Web3

Avatars, Virtual Reality, Metaverse and Gamification

### Generating software

Generating Software with AI

### Ethics, Legal Issues and Risks

Ethics of content generation

Why consider ethics of AI?

Ethical Guidelines for Trustworthy AI

Ethics and Compliance for Generative AI

## Course Overview

Our Generative Artificial Intelligence (AI) online training package provides insights into the definitions and growing functions of Generative AI. You will gain an understanding of what Generative AI is, its mechanisms, and how to embark on their learning journey.



## Course Learning Outcomes

Our Generative Artificial Intelligence (AI) online training package offers an extensive curriculum that is designed to provide you with a comprehensive understanding of the fascinating field of Generative AI. With a commitment of approximately 8 - 10 hours of dedicated learning, this online training package ensures that you gain a strong foundation in Generative AI concepts, techniques, and applications.

Our Generative Artificial Intelligence (AI) training course will help you achieve the following learning outcomes:

- Discover how you can use AI to generate many types of content quickly and cheaply
- Learn the basic concepts involved from the field of AI and neural networks
- Understand how to direct large language models to produce your desired content (ChatGPT, GPT-4 etc)
- Build your own avatar for use in videos, games or a Metaverse
- Learn by applying generative AI in a range of applications including text, Image, Voice, Avatars and Animated Video
- Review ethical and legal issues with this technology and the risks that it raises
- Start creating your own content

## Audience

Our Generative Artificial Intelligence (AI) online training package is relevant for all creative professions, business professionals, aspirant data scientists and machine learning engineers, business transformation leaders, IT and data managers.

## Entry-Level Requirements

There are no entry-level requirements for our Generative Artificial Intelligence (AI) online training package, however the Data Driven Foundation training course is recommended.

## Recommended Reading

There is no recommended reading associated with our Generative Artificial Intelligence (AI) online training course.

## What's Included

The Generative Artificial Intelligence (AI) online training package comprises a series of exercises that necessitate accessing a designated tool to produce specific outputs. For instance, you will engage in tasks such as generating self-portraits or creating marketing text utilising GPT technology.

## Exam Information

There is no examination with our Generative Artificial Intelligence (AI) online training package.

## What's Next

Our three-day [Artificial Intelligence \(AI\) Foundation](#) training course will teach you the building blocks of AI and how to use your newfound understanding of Machine Learning.

Our [Artificial Intelligence \(AI\) Foundation](#) training course is a fantastic opportunity to engage with AI Expert - Dr Andrew Lowe. You will learn about AI, Machine Learning and Neural Networks and be able to apply your knowledge to your current or future career.

## Additional Information

Generative AI offers a blend of technical expertise, creative expression, and potential for shaping the future of artificial intelligence. Whether you're interested in exploring innovative technologies or building a rewarding career, gaining knowledge in this field can be highly beneficial.