PURPLE GRIFFON
The IT Service Management Training & Consultancy Specialists

Course Title: BCS Generative Artificial Intelligence (AI) Foundation Course	**Course Duration**: 2.0 Days
Exam: Included	**Exam Type**: Proctored Exam
Qualification: BCS Generative Artificial Intelligence (AI) Foundation Certificate	

Course Syllabus

BCS Generative AI Course syllabus is as follows:

1. What is Generative AI?

1.1 Describe key generative AI terms.

1.2 Describe common uses of generative AI.

1.3 Describe the role of machine learning in generative AI.

2. How Generative AI Works

2.1 Describe the stages of the generative AI process.

2.2 Explain the use of data in generative AI.

2.3 Describe the role of transformers.

2.4 Describe the role of feedback in generative AI.

3. Prompting Generative AI

3.1 Explain the role of prompts.

3.2 Describe types of prompts and their uses.

4. Validating and Checking the Output

4.1 Describe the need to quality check the output of generative AI.

4.2 Explain methods used to validate the output of generative AI.

5. Ethical and Legal Concerns

5.1 Describe the ethical considerations when developing generative AI.

5.2 Describe the legal and regulatory considerations when developing generative AI.

5.3 Explain how to mitigate against common AI risks.

Course Overview

Generative AI is quickly emerging as a key technology, offering the ability to produce realistic digital art, craft sophisticated text, and streamline various business operations. This technology is transforming how organisations function, engage with customers, and innovate in product and service development. As AI adoption grows, gaining a clear understanding of generative AI and its practical applications becomes crucial for both individuals and organisations.

The BCS Foundation Award in Generative AI offers a comprehensive introduction to this cutting-edge technology. It is perfect for anyone looking to grasp the fundamentals of generative AI, explore its future potential, and understand the related ethical and legal considerations.

Course Learning Outcomes

On this Generative AI course you will learn:

- The meaning of AI, including its history and key principles.
- The legal, ethical and regulatory considerations when using AI.
- How humans can use AI to support business activities.
- How to identify opportunities for AI and implement them.
- The impact of AI on the future of society and business.

Audience

The BCS Foundation Award in Generative Artificial Intelligence is ideal for those interested in understanding the functions and capabilities of generative AI, as well as the impact of its application. This award is particularly relevant for content creators, designers, developers, project managers, product managers, copywriters, CIOs, change practitioners, business consultants, and leadership roles.

Entry-Level Requirements

There is no specific entry level requirements for this course, although prior achievement of the BCS Essentials Certificate in Artificial Intelligence or a BCS Award from the Artificial Intelligence Pathway would be advantageous.

Recommended Reading

We would recommend reading either "Getting Started with ChatGPT and AI Chatbots: An introduction to generative AI tools" by Mark Pesce, or "Artificial Intelligence Foundations: Learning from experience" by Steve Lawless and Andrew Lowe.

What's Included

You will be provided with full course materials for our Generative Artificial Intelligence (AI) Foundation training course.

Exam Information

BCS Generative Artificial Intelligence (AI) Examination:

- **Duration:** 30 mins
- **Questions:** Closed book, 20 multiple choice Questions
- **Passmark:** 65% (13/20)
- **Delivery:** Online Proctored Exam Only

Candidate Responsibilities

- You need to complete registrations for both BCS and Questionmark.
- You will receive an email inviting you to register on the e-professional portal. Once you have completed this registration, you will be able to see the booking details that your training provider had given to BCS.
- The exam date and time may not reflect what you will book with Questionmark, but we will update this once the exam has taken place so your certificate will have the correct date.
- You will also receive an email with log in details for Questionmark. This will enable you to complete your registration and book your exam. The link for registering is here.
- If you are unable to see an assessment to schedule once you have registered, please contact BCS via customerservice@bcs.uk.
- If you're unable to select a remote proctored time and date, contact support@questionmark.com.

Create Proctor Session

- To select the exam date and time click on 'Schedule'. If you have multiple exams to schedule it is advised that you only schedule the exam you wish to take otherwise you may encounter an error 500 screen.
- If you do encounter this then please clear your browser cache before proceeding.

What's Next

After the Generative AI Course, you might be interested in:

AI Foundation: How AI Can Support Your Organisation Course

BCS Artificial Intelligence (AI) Foundation

Additional Information

Generative AI is quickly emerging as a powerful and influential technology. It has the ability to create realistic digital art, generate complex text, and streamline various business processes. This technology is driving significant changes in how organisations operate, interact with customers, and develop new products and services. As AI solutions become more widespread, it's crucial for both individuals and organisations to understand how generative AI works and how to effectively use it.

The BCS Foundation Award in Generative AI offers a comprehensive introduction to this cutting-edge technology. This award is an excellent starting point for anyone looking to grasp the fundamentals of generative AI, explore its future potential, and consider the ethical and legal implications.