PURPLE GRIFFON
The IT Service Management Training & Consultancy Specialists

Course Title: BCS Foundation Award - Data Visualisation	**Course Duration**: 3.0 Days
Exam: Included	**Exam Type**: Proctored Exam
Qualification: BCS Foundation Award - Data Visualisation	

Course Syllabus

1. Data Driven Decision Making

You will be able to:

1.1 Outline the uses of data within an organisation.
1.2 Recognise the process of formatting data to make decisions.
1.3 Identify issues with using data to make decisions.

2. Data Storing And Analysis Tools

You will be able to:

2.1 Explain how to store data
2.2 Describe the requirements regarding data protection
2.3 Illustrate the process of using technology to analyse data.

3. Data Presentation Tools And Techniques

You will be able to:

3.1 Classify the tools and techniques used to present data, considering the following formats:
3.1.1 Written form
3.1.2 Verbal form
3.1.3 Pictorial form
3.1.4 Sounds form
3.1.5 Dashboards and infographics
3.1.6 Virtual reality and Augmented reality
3.1.7 Sounds

4. Human And Machine Learning Together. The Learning Environment

You will be able to:

4.1 Recognise the following learning environment examples where both humans and machines would be required to learn in conjunction:
4.1.1 Virtual reality/Augmented reality e.g. Flight simulators
4.1.2 Ergonomics e.g. Designing an operation interface for a surgeon
4.1.3 Digital twin e.g. Ocado, online supermarket

4.1.4 Immersive environment (the audience of the future)

Course Overview

Our three-day BCS Foundation Award - Data Visualisation training course is designed for anyone wishing to gain an understanding of how data is used to make decisions in an organisation and the importance of presenting accurate data in a way that enables decision making to happen.

Our BCS Foundation Award - Data Visualisation training course will enable you to understand these concepts at a Foundation Level, incorporating processes, frameworks and techniques used. It also looks towards the future use of data and how AI can present data in different ways to help organisations better understand their data.

Course Learning Outcomes

BCS Membership Offer: If you do not hold a BCS certification and successfully pass the examination for this training course - you will be given one year's complementary BCS Membership. This offer is only valid for your first BCS qualification.

This award sits within the **Data** area of the AI Foundation Pathway and can support smarter decision-making at every level across your organisation.

You'll learn about:

- Data Driven Decision-Making
- Data Storing & Analysis Tools
- Data Presentation Tools & Techniques
- Human & Machine Learning Together

Audience

- Business and digital professionals who want a clearer understanding of the relationship between data and decision-making within an organisation
- Those looking to move into analytical or research roles
- People who want to manage data more effectively in their role

Entry-Level Requirements

There are no specific entry requirements for this award. However, some professional experience in a business or IT environment may be advantageous.

Recommended Reading

The following titles are suggested reading for anyone undertaking this award. You should be encouraged to explore other available sources.

Title: Data Analyst
Author: Harish Gulati, Charles Joseph, Rune Rasmussen, Clare Stanier, Obi Umegbolu
Publisher: Rune Rasmussen

Publication Date: March 2019
ISBN: 9781780174327

What's Included

- BCS Foundation Award - Data Visualisation Materials
- BCS Foundation Award - Data Visualisation Examination

Exam Information

BCS Foundation Award - Data Visualisation Examination:

- Type: 16 Multiple Choice Questions, 2 Scenario Based Questions
- Duration: 30 Minutes
- Supervised: Yes
- Open Book: No (no materials can be taken into the examination room)
- Pass Mark: 13/20 (65%)
- Delivery: Digital Format 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

Other Data awards in the AI Foundation Pathway include:

- BCS Foundation Award - Big Data
- BCS Foundation Award - Understanding Data In Your Organisation

Additional Information

Every important business decision relies on clear and accurate data. You will learn more about the processes, frameworks and techniques used to analyse and present data - and how AI can present data in different ways to help us understand it better.