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Online Training Courses

MAY - DEC 2024

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Non-Functional Requirements Workshop



START DATE

2 May 2024 | 9:00am

END DATE

2 May 2024 | 5:00pm

INSTRUCTOR

Adrian Reed

Principal Consultant
Blackmetric Business Solutions



OVERVIEW

Our Non-Functional Requirements Workshop is a practical, hands-on learning experience that will make the elicitation and analysis of non-functional requirements more manageable. The course will provide you with a comprehensive set of PDF slides to reference post-course, and many opportunities for practicing techniques and asking questions during the sessions. Feedback, where necessary, will be provided by the course facilitator.

WHO IS THIS COURSE FOR?

This Non-Functional Requirements Workshop is ideal for professionals who need to elicit, analyse and document non-functional requirements. While there are no specific prerequisites, the course will benefit business analysts, product owners, requirements engineers, functional analysts, business systems analysts, requirements managers, consultants, and other practitioners with existing experience in business analysis looking to enhance their knowledge of non-functional requirements.

WHY TAKE THIS COURSE?

Participating in this course will equip you with hands-on experience and practical knowledge in elicitation, analysis, and documentation of non-functional requirements (NFRs). You will understand their importance in project implementation, learn how to apply relevant elicitation techniques, and recognise the characteristics of a well-defined NFR. As NFRs often influence system performance, usability, reliability, and other critical aspects, mastering them can significantly increase the success of your projects.

Data Governance: A Concise Guide



START DATE

14 May 2024 | 9:00am

END DATE

14 May 2024 | 5:00pm

INSTRUCTOR

Nigel Turner

Principal Information
Management Consultant
EMEA

Global Data Strategy



OVERVIEW

This one-day 'Data Governance: A Concise Guide' online course provides a comprehensive overview of the fundamental principles and practices of data governance. This is a highly practical course, aimed to equip attendees to return to their workplaces and start implementing the techniques covered immediately. The course reflects the trainer's long experience of designing and implementing data governance programmes to many public and private organisations, and so will be of value to those new to data governance or people already engaged in data governance who are trying to revitalise or re-energise their governance efforts.

WHO IS THIS COURSE FOR?

Individuals and teams who are playing, or would like to play, an active role in the implementation of a data governance initiative. It will also be of interest to anyone working in a relevant business or IT role who wants to know more about data governance concepts and practices. Individuals and teams who are playing, or would like to play, an active role in the implementation of a data governance initiative. It will also be of interest to anyone working in a relevant business or IT role who wants to know more about data governance concepts and practices.

WHY TAKE THIS COURSE?

Many organisations are struggling to manage ever-increasing data volumes and complexity. The need to manage this, and reduce the resulting financial, legal and regulatory risks of not doing so, is becoming a paramount concern. Data governance is seen by the Data Management Association (DAMA) and other eminent data management organisations as a 'must have' core capability, without which all other investments in data management, including data quality, data analytics, business intelligence et al, can never fully realise their potential. This course will show you how data governance does this by ensuring that data is valued as an asset by the business, and so ensures the collaboration needed between the business and IT to maximise the value of data, and so truly enabling data-driven decision making.

Ten Steps to Data Quality



START DATE

15 May 2024 | 9:00am

END DATE

17 May 2024 | 5:00pm

THIS COURSE ALSO TAKES PLACE
FROM THE 23 - 25 OCTOBER

INSTRUCTOR

Danette McGilvray

Owner, Granite Falls Consulting, Inc. and
Management Consulting Consultant,
Author: Executing Data Quality Projects:
Ten Steps to Quality Data and Trusted
Information™, 2nd Edition.
Granite Falls Consulting, Inc.



OVERVIEW

'Ten Steps to Quality Data' is a comprehensive 3-day live streaming course based on the second edition of 'Executing Data Quality Projects: Ten Steps to Quality Data and Trusted Information™'. It provides a practical approach to creating, improving, and managing the quality of data critical to any organisation's success. The course includes discussion, exercises (both individual and group), and a project, giving you the opportunity to apply what you've learned directly to your organisation's needs.

WHO IS THIS COURSE FOR?

This course is designed for individuals and teams responsible for or interested in maintaining data quality in their business processes, systems, or databases. This includes Data Analysts, Data Quality Analysts, Business Analysts, Data Designers/Modellers, Data Stewards, Business Process Modellers, and Application Developers. Additionally, it can also be highly beneficial for managers and project managers who oversee these teams and need to understand what's involved in data quality management. Finally, this course is also a valuable resource for data users, such as data scientists, whose work is often impacted by data quality.

WHY TAKE THIS COURSE?

In the modern digital age, data quality is paramount for any organisation to operate efficiently, satisfy customers, and achieve set goals. This course provides you with a solid foundation and practical skills to manage and improve the quality of your data. By adopting the Ten Steps methodology, you will be able to turn data quality challenges into actionable projects with clear objectives, connect data quality issues with business priorities, and showcase the value and impact of data quality using business impact techniques.

Data Lineage: Planning, Documenting, Applying



START DATE

20 May 2024 | 9:00am

END DATE

21 May 2024 | 5:00pm

INSTRUCTOR

Irina Steenbeek

Managing Director
Data Crossroads



OVERVIEW

Our Data Lineage course offers an in-depth exploration of planning, documenting, and applying data lineage. It is designed to help you navigate the complexities of data lineage, right from the identification of a data lineage initiative to its successful implementation. The course covers essential topics such as the concept of data lineage, stakeholder analysis, scoping a data lineage initiative, implementation methods, evaluation of data lineage solutions, and much more. You'll learn to design a data lineage metamodel that fits your organisation's needs, assess readiness for a data lineage initiative, and analyse various methods of data lineage documentation.

WHO IS THIS COURSE FOR?

This course is designed for data management and business professionals seeking a deeper understanding of data lineage and its applications. It also suits professionals with a technical background who aim to comprehend the business needs and requirements for data lineage. Project management professionals who wish to familiarise themselves with the best practices of data lineage implementation will also greatly benefit from this course.

WHY TAKE THIS COURSE?

In the world of data-driven decision making, data lineage is a crucial concept that helps maintain the integrity, reliability, and compliance of your data ecosystem. Understanding and applying data lineage can lead to improved data governance, regulatory compliance, and operational efficiency. Despite its significance, data lineage often remains a complex and abstract concept. This course offers a comprehensive understanding of data lineage, its challenges, and its implementation, enabling you to confidently navigate and utilise data lineage in your organisation.

Developing Knowledge Graphs in the Enterprise



START DATE

10 June 2024 | 9:00am

END DATE

11 June 2024 | 5:00pm

INSTRUCTOR

Panos Alexopoulos

Founder and Principal
Educator

OWLTECH



OVERVIEW

In today's data-driven landscape, the concept of a knowledge graph has emerged as a pivotal framework for managing and utilizing interconnected data and information. Stemming from Google's proclamation that shifted the focus from searching for strings to understanding entities and relationships, the term encapsulates a network of interconnected entities and concepts, facilitating data integration, sharing, and utilization within organisations.

Implementing a successful Knowledge Graph initiative within an organisation demands strategic decisions before and during its execution. Often overlooked are critical considerations such as managing trade-offs between knowledge quality and other factors, prioritizing knowledge evolution, and allocating resources effectively. Neglecting these facets can lead to friction and suboptimal outcomes.

This 2-day online course delves into the technical, business, and organisational dimensions essential for data practitioners and executives embarking on a Knowledge Graph initiative. The course covers all the stages of knowledge graph development in an organisational setting, including crafting a development strategy, developing the graph schema, populating the graph with data, controlling its quality, putting the graph into use, and managing its evolution. Offering insights gleaned from real-world case studies, the course provides a comprehensive framework that combines cutting-edge techniques with pragmatic advice, and equips participants to navigate the complexities of executing a knowledge graph project successfully.

WHO IS THIS COURSE FOR?

Data practitioners: Aspiring or practicing data scientists, data engineers or data analysts, seeking to deepen their understanding of knowledge graphs, their implementation, and the technical intricacies involved.

Technology Leaders: Architects, CTOs, and IT professionals exploring or leading initiatives involving data integration, semantic technologies, and knowledge management systems.

WHY TAKE THIS COURSE?

By the end of this live online 2-day course, you'll be able to:

- Decide whether a knowledge graph is a proper solution for your data challenges, and specify its desired characteristics.
- Understand the key factors determining the feasibility and viability of implementing a knowledge graph in an organisation, and craft a proper development strategy
- Apply techniques to determine and prioritize the content requirements of a knowledge graph.
- Design a knowledge graph's schema in a way that makes the rest of the graph's development much easier.
- Apply state-of-the-art tools and methods to automatically populate a knowledge graph from diverse data sources.
- Implement mechanisms to assess and improve the quality of a knowledge graph
- Apply knowledge graphs in practical application scenarios such as question answering and semantic data analytics.
- Design and implement a knowledge graph evolution and governance strategy.

Complete Guide to Implementing Data Stewardship



START DATE

12 June 2024 | 9:00am

END DATE

13 June 2024 | 5:00pm

INSTRUCTOR

David Plotkin

Manager of Metadata Services

MUFG Bank, Ltd



OVERVIEW

More and more companies are coming to terms with the fact that they need to have a data stewardship function in order to be effective in collecting metadata (including definitions, derivations, and data quality rules), MDM, and data quality. A lot has been said and spoken about why stewardship is important, but HOW do you do it and be effective with limited resources (in the “real world”)? And what part does stewardship play in Data Governance? This online training course answers these questions and details how to set up a data stewardship function, how to run it, the details of managing the stewardship committee, recruiting help from IT for technical stewards, what the duties of the data stewards are, and what decisions they have to make. In addition, it covers how to staff projects for stewardship and funnel the information from projects back into the overall stewardship process.

WHO IS THIS COURSE FOR?

This course is designed for two specific audiences. The first audience are those that are charged with the responsibility of building and maintaining a data governance and data stewardship practice in an organization. These are people who are either hired or assigned this responsibility, and it likely represents at least two people from an organization.

The second (and larger) audience are the members of the data stewardship organization (typically those who will sit on the Data Stewardship Council). They are eager to learn what data stewardship IS, what the new organization looks like, what new roles they have, how it will impact their “regular” jobs, and what guidance and training is available to help them be successful. This course IS that training and imparts the answers to all these questions and more. In fact, this course has been given multiple times onsite at a company just starting their data stewardship journey, with all the data stewards in attendance.

WHY TAKE THIS COURSE?

It is one thing to set a goal of implementing data stewardship, but quite another thing to actually achieve that goal successfully. There are many steps necessary, and each step requires you to have specific knowledge on how to execute that step. The purpose of this course is to tell you not only WHAT to do to successfully implement data stewardship, but also HOW to do it. It is a practitioner’s guide, in that it provides specific instructions on all the steps and processes necessary.

Information Management Fundamentals



START DATE

25 September 2024 | 9:00am

END DATE

27 September 2024 | 5:00pm

INSTRUCTOR

Chris Bradley

Information Management
Strategist, Evangelist & Speaker
Data Management Advisors Ltd



OVERVIEW

Information Management Fundamentals is a comprehensive course that provides knowledge, methods, and techniques required to analyse, mature and implement information management solutions. The course is designed with the aim of providing a solid grounding in various Data Management disciplines.

WHO IS THIS COURSE FOR?

This course is designed for professionals interested in gaining a comprehensive understanding of different Information Management disciplines. It's ideal for Business Intelligence & Data Warehouse Developers & Architects, Data Modellers, Developers, Data Architects, Data Analysts, Enterprise Architects, Solution Architects, Application Architects, Information Architects, Business Analysts, Database Administrators, Project / Programme Managers, IT Consultants, Data Governance Managers, Data Quality Managers, and Information Quality Practitioners. This course also caters to those seeking professional recognition and certification, specifically the DAMA Certified Data Management Professional (CDMP).

WHY TAKE THIS COURSE?

This course provides a solid foundation in Data Management principles across various disciplines, preparing you for the CDMP Data Management Fundamentals exam. It offers practical application insights using real-world examples and provides a broad understanding of the core Information Management concepts. It covers key topics including Data Governance, Data Quality Management, Master and Reference Data Management, Business Intelligence, Data Warehousing, Data Modelling, and many more.

Once the course is complete, students will have the opportunity to take the CDMP examination. This must be booked independently. Details of the CDMP examinations, levels, and costs can be found at <https://cdmp.info/>.

Data Strategy: from definition to execution



START DATE

11 September 2024 | 9:00am

END DATE

12 September 2024 | 5:00pm

INSTRUCTOR

Ian Wallis

Managing Director
Data Strategies Ltd



OVERVIEW

Data Strategy: from definition to execution provides an end-to-end guide to why, what and how a data strategy should be created and implemented in an organisation. It is based on the book, Data Strategy: from definition to execution, published by BCS and takes a practical and interactive approach to guide participants through the process and uses case studies to inform and enhance understanding. By the end of the course, participants should be aware of what is involved in devising a data strategy and taking it through to implementation

WHO IS THIS COURSE FOR?

This course is aimed at anyone who is either undertaking the definition or execution of a data strategy, is reviewing a data strategy or is simply curious to learn more about the process of defining and implementing a data strategy. As data strategy underpins all data-related activity, it is relevant to anyone in a data role, as well as those who are in positions related to data exploitation, including data scientists, data analysts and business intelligence professionals. It is also suited to those who are in strategy roles to gain a better understanding of how data strategy fits within wider corporate strategies, those in digital and IT-related roles who need to interact with data and have a coherent approach to how to structure data, programme managers who are delivering data-related activity within an organisation and legal and compliance professionals who need to demonstrate controls and clarity on direction.

WHY TAKE THIS COURSE?

Data underpins everything we do in organisations today. Whether being able to transact with customers or suppliers, pay employees, demonstrate legal compliance or enable processes to work to deliver products or services, data is critical to the smooth running of every organisation, whether private or public sector, large or small, regardless of where we operate in the world. This course is designed to provide practical experience in just two days to bring to life the rationale and challenges in trying to define and implement a data strategy in any organisation. It is designed with the practitioner in mind, with the course delivered by a leader with extensive experience of operating across a range of industries in both the private and public sector. It brings to life many of the hurdles and pitfalls that await anyone embarking on defining or executing a data strategy based on practical experience, all underpinned by the book which is a takeaway from the course. As such, it is a hands-on opportunity to learn whilst guided through the process in a step-by-step approach from start to finish.

Practical Guidelines for Implementing a Data Mesh



START DATE

5 November 2024 | 9:00am

END DATE

6 November 2024 | 5:00pm

INSTRUCTOR

Mike Ferguson

Managing Director
Intelligent Business Strategies



OVERVIEW

Discover the potential of decentralised data engineering in our comprehensive two-day course presented by Intelligent Business Strategies. Led by industry expert Mike Ferguson, this seminar is tailored to equip professionals with the knowledge and tools needed to implement a successful Data Mesh strategy. From grasping the fundamentals to mastering methodologies for building reusable data products, participants will gain invaluable insights into revolutionising their data management practices. Join us on this two-day journey to accelerate your organisation's data-driven initiatives and drive tangible business value.

WHO IS THIS COURSE FOR?

This seminar is intended for business data analysts, data architects, chief data officers, master data management professionals, data scientists, IT ETL developers, and data governance professionals. It assumes you understand basic data management principles and data architecture plus a reasonable understanding of data cleansing, data integration, data catalogs, data lakes and data governance.

WHY TAKE THIS COURSE?

Attendees will learn about:

- Strengths and weaknesses of centralised data architectures used in analytics
- The problems caused in existing analytical systems by a hybrid, multi-cloud data landscape
- What is a data mesh and how does it differ from a data lake and a data lakehouse?
- What benefits does data mesh offer and what are the implementation options?
- What are the principles, requirements, and challenges of implementing these approaches?
- How to organise to create data products in a decentralised environment so you avoid chaos
- The critical importance of a data catalog in understanding what data is available
- How business glossaries can help ensure data products are understood and semantically linked
- An operating model for effective federated data governance
- What software is required to build, operate and govern a data mesh of data products for use in a data lake, a data lakehouse or data warehouse?
- What is data fabric software, how does it integrate with data catalogs and connect to data in your data estate
- An Implementation methodology to produce ready-made, trusted, reusable data products
- Collaborative domain-oriented development of modular and distributed DataOps pipelines to create data products
- How a data catalog and automation software can be used to generate DataOps pipelines
- Managing data quality, privacy, access security, versioning, and the lifecycle of data products
- Publishing semantically linked data products in a data marketplace for others to consume and use
- Consuming data products in an MDM system
- Consuming and assembling data products in multiple analytical systems like data warehouses, lakehouses and graph databases to shorten time to value

Complete this course and receive the digital IRM Training Certificate and apply for the CDMP Exam.

Embedded Analytics, Intelligent Apps & AI Automation



START DATE

8 November 2024 | 9:00am

INSTRUCTOR

Mike Ferguson

Managing Director
Intelligent Business Strategies



OVERVIEW

Explore the transformative potential of embedded analytics, intelligent applications, and AI automation in our dynamic course, led by Intelligent Business Strategies. Under the guidance of seasoned industry authority Mike Ferguson, this immersive seminar is meticulously designed to equip professionals with essential skills and strategies to leverage embedded analytics and AI-driven solutions effectively. From grasping core principles to harnessing advanced methodologies for implementing intelligent applications, participants will gain invaluable expertise to revolutionise their data-driven endeavours. Join us on this enlightening journey to propel your organisation's analytics capabilities to new heights and unlock unparalleled business insights

WHO IS THIS COURSE FOR?

This seminar is intended for business and IT professionals responsible for information delivery, business integration and leveraging BI, ML and AI in operational environments. It assumes that you have already built analytical systems and are now looking to leverage insights produced in everyday operations.

WHY TAKE THIS COURSE?

Although analytics in many organisations is well established, it is still the case that perhaps no more than 25% of employees make use of reports and dashboards from BI tools with even fewer using machine learning models or AI. There is still a long way to go if companies are to realise the promise of using ML and AI to automatically prevent problems, seize opportunities and continually optimise business processes in everyday business operations.

The vision that many executives have is to make use of BI, ML and AI to increase the level of automation and to enable everyone in the company to contribute towards improving business performance. They want to create an 'always on' data and AI-driven intelligent business where BI and machine learning models are deployed right across the business so that every person, and every application, in the enterprise is able to leverage the right insights at the right-time in every activity to help them contribute to the overall performance of the business. Therefore, it should be possible to embed BI and machine learning models into operational business processes to guide and drive decisions and actions in everyday business operations. It should also be possible to automate more using self-learning AI. This would move organisations towards creating intelligent applications, and utilising AI driven automation for right-time business process optimisation and decision management. This includes embedding analytics into all customer facing applications and websites to enable a personalised customer experience as well as partners and suppliers being guided by BI, alerts, and recommendations. The objective is to move towards automated, self-learning, AI-driven business operations.

IRM UK have been delivering In-House training to organisations in the UK and across Europe for over 20 years.

Get bespoke In-House training that meets the specific needs of your people and company at a time and date that suits you – in person or virtually.

All of our In-House training is delivered by professional world-renowned experts and leaders in their field. They will ensure that they meet the challenges of your company head-on, delivering a first-class training service.

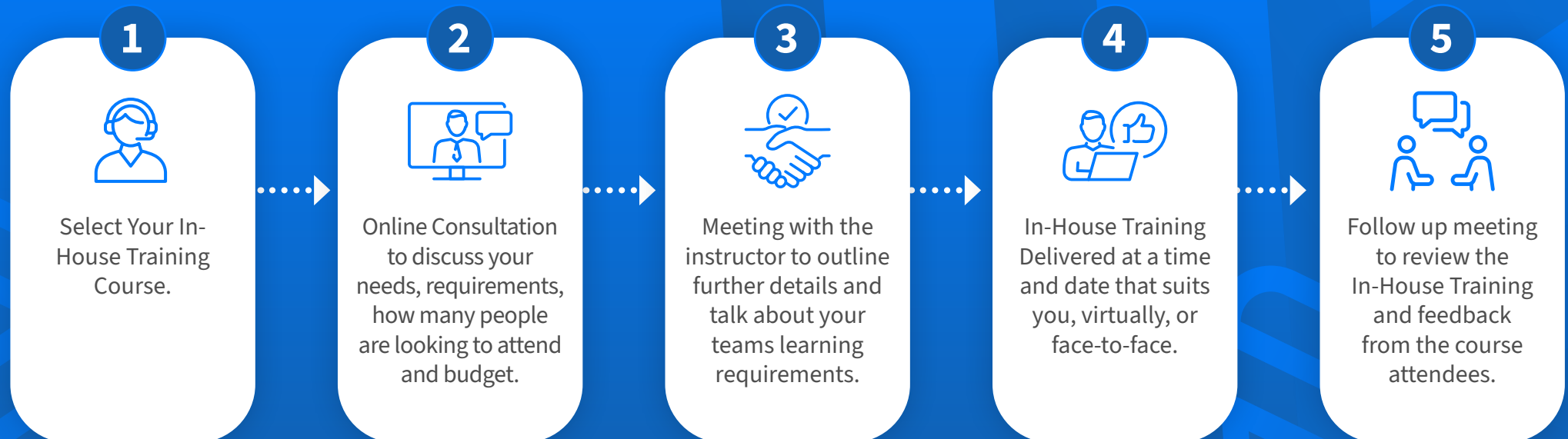
For a consultation about In-House Training, contact:

Anna Slater, Sales and Marketing Manager

anna@irmuk.co.uk

Tel: +44 (0)20 8866 8366

In-House Learning Journey



Prices and How to Book!

Save up to 25% on Group Booking Discounts

In-House Training Also Available

Our Training Courses are available for In-house Training, bespoke to your organisation's requirements at a time and day that works best for you.

Speak to Us Direct:
Want to find out more about our Online Training Courses and In-House Training?

Anna Slater

Sales and Marketing Manager, **IRM UK**
E: anna@irmuk.co.uk | T: +44 (0)20 8866 8366

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Adrian Reed

Principal Consultant
Blackmetric Business Solutions

PRICE: £695 +VAT

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14 May

Nigel Turner

Principal Information Management Consultant EMEA
Global Data Strategy

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23 - 25 October

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Owner
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