

Practical Data Governance, Stewardship & Compliance

Course Purpose:

Information is at the heart of all organizations, like blood flowing through its arteries and veins. However, all too often Information is not professionally managed with the rigour and discipline that it demands. Nonetheless the implications of poorly managed information can be catastrophic, from legal and other regulatory sanctions ultimately to business collapse.

Professor Joe Peppard (European School of Management, Cranfield) summed it up when he said:

“the very existence of an organisation can be threatened by poor data”.

Not only is Management, Stewardship and Governance of the Data Asset critically important for improved business efficiency, flexibility and competitive advantage, but now in the era of increasing Information based Regulatory and Compliance rules it is essential.

Every day we read about Data security and risk concerns, and these together with current and emerging regulations such as the Data Protection Act, BCBS239 and the General Data Protection Regulation (GDPR) mean that managing your Data Asset and effective Governance is no longer optional.

How can we manage our data and prepare for these regulations? What does Data Governance really mean, how practically do we make it work, and what are its implications? Does implementing Data Governance require a massive “big bang” exercise or is it possible to build data governance processes incrementally?

This training course will provide the rationale why Information Management is critical and provide practical methods and practices for addressing key Data Asset Management and Governance challenges and equip organisations to address the challenges that increased regulatory scrutiny brings. It will also equip students to sit the DAMA Certified Data Governance Professional specialist examination which also contributes to attainment of a full CDMP at Practitioner or Master level.



Course Description:

This 3-day course will provide a solid foundation in the topic of Data asset management and Governance by describing its purpose, outcome, the typical organization structures required and the key business drivers for Data Governance.

It will highlight the Data Asset management and Governance implications of various regulatory acts with a focus on GDPR and illustrate how organisations can prepare for compliance.

Additionally, the practical roles responsibilities and activities involved in establishing successful Data Governance together with example Data Governance metrics for measuring progress of a Data Governance initiative will be highlighted. Importantly it will show how Data Asset management and Governance can be implemented in bite sized chunks vs being introduced in a top-down “big bang” manner.

The vital relationship between Data Governance and other core disciplines of Master Data Management, Data Modelling, Metadata Management & Data Quality management will be highlighted.

This 3-day course addresses all the core Data Asset management and Governance considerations and introduces the other associated Information Management disciplines. Taught by an industry recognized DAMA DMBOK(2.0) author, CDMP_(Fellow) and recipient of the DAMA Lifetime Achievement Award, this course provides a solid foundation for anyone interested in Data Governance.

Course Objectives:

To give participants a firm grounding in the **core** Data Asset management and Governance concepts and illustrate their practical application throughout with real examples of how Data Asset management and Governance can be applied for different organisation styles ranging from fully centralised to federated. Additionally, this course also prepares students wishing to take the specialist Data Governance examination as part of the Industry professional DAMA CDMP certification. Students will have the opportunity to take the CDMP Data Governance specialist exam at the end of this course to attain DAMA Certified Data Governance Professional designation and a credit towards attainment of a full CDMP at Practitioner or Master level.



Who Should Attend?

This course is intended for personnel involved in Data Asset management and Governance, Master Data Management and/or Data Quality, initiatives including:

- Information Managers,
- Information Quality Practitioners,
- Executives,
- Technology Leaders,
- Business Technology Partners,
- Business Analysts,
- Enterprise Architects,
- Information Architects, and
- Data Architects.

Prerequisites

A passion to see information managed as a corporate asset.

Learning Goals

Level set understanding & terminology:

- Learn about the need for and application of Data Asset management and Governance for different categories of challenges
- Understand the Data Asset management and Governance implications of a variety of regulatory acts and how to prepare your organisation for compliance.
- Understand the Data Governance implications of GDPR and the key steps to ensure compliance – whilst improving organisational Data Management.
- Explore a Business focused Data Governance framework and understand how it aligns with other architecture frameworks
- Understand the core concept of Information lifecycle management, the different stages and why they are important
- Understand the critical role that Data Governance plays in the Information disciplines of Master Data Management and Data Quality management.
- Understand the role and the activities required of a Chief Data Officer (CDO)
- Understand the detailed Data Governance roles together with the activities required for them – including Data Owner, Data Steward and Data Custodian.

Pragmatic Learning

- Learn the different motivations for Data Asset management and Governance and how best to implement DG approaches
- Develop a set of usable techniques that can be applied to a range of information management challenges
- Learn the best practices for managing Enterprise Information needs
- Understand the different operating models for Data Governance & determine which is the best fit for your organisation
- Learn how to create Data Governance organisation and committee structures to address differing styles of organisational management.

Course Topics

Introduction to Data Asset management and Governance:

- What is Data Governance and why it is important.
- What is the difference between Data Governance and IT Governance and does it matter?

The relationship between Data Governance and the other Information disciplines

- The critical reasons why Master Data Management initiatives must have Data Governance in place
- How Data Governance is supported by Data Modelling
- Why Data Quality management and Data Governance are interdependent
- Why some types of Master & Reference Data Management initiatives cannot succeed without components of Data Governance

The Data Asset management and Governance implications of selected regulatory acts

- EU GDPR, what are the major data governance consequences

- What steps can you take to conform with GDPR
- BASEL BCBS 239 Principles for effective risk data aggregation and risk reporting, and why is this different from rules-based regulations and where does Data Governance help?
- Overview of the Data Management implications of a selection of other regulations
- The key steps that organisations can take to prepare for compliance with current and future regulations.

A pragmatic workable framework for Data Asset management and Governance

- How to produce a realistic business case for DG linked to business objectives
 - The issues faced when Data Governance is not present.
 - How Data Regulations and Acts can be incorporated into Business cases
- Developing the business case & the kick-off foundation activities.
- The core essential components of a Data Governance framework
- Starting the Data Governance Program, what you must get in place early
- The different Data Governance approaches from Process centric, to Data centric to Systems centric and more
- How to determine the Data Governance operating model most suited to start DG in your organisation, and why this may not be the ultimate ideal choice.
- Is Data Asset management and Governance being too theoretical?
- What am I really going to see from a DG initiative.
- Are there some quick realistic aspects a DG program should focus on first.
- How to build a transition plan for Data Governance that delivers real improvements whilst developing the overall DG roadmap.

Do we need a Chief Data Officer?

- What are the different models for a CDO organisation
- What are the roles and responsibilities of a CDO
- What skills & capabilities does a CDO need
- What can (and cannot) be expected of a CDO

Data Asset management and Governance Organisation, Roles and Responsibilities

- Organisational models and Target Operating models for Data Governance
 - Catering for different organisation styles and sizes
 - Understanding organisation culture
 - The different Data Governance operating models from Centralised, Hybrid, Federated, Self-Organising teams, and Stealth
- The typical roles, responsibilities, organization structures and principles for successful Data Governance
- The Roles, Responsibilities' and Activities in Data Governance
 - Responsibilities & Activities of the Data Owner
 - Responsibilities & Activities of the Steward
 - Responsibilities & Activities of the Data Custodian & System Owner
 - Stakeholders and the other roles that are typically present.
- Competencies and skills required for the core Data Governance roles
- Building DG in bite sized pieces;
- Can we introduce DG covertly?

Keeping a Data Asset management and Governance initiative going:

- Now it's started; how do you sustain Data Governance.
- Baking Data Governance into Business as Usual activities and making it real
- Capturing & reporting upon Data Governance metrics & their relationship with Data Quality metrics
- Linking Data Governance principles, standards and metrics
- The role of the Data Governance office (DGO)
- Why the DGO is critical for sustaining success,
- The relationship between the DGO and the Project Management Office (PMO).
- Examination of the categories of tools supporting Data Asset management and Governance.

CDMP Certification

- Understand the synopsis of the CDMP Data Governance specialist exam
- Throughout the course practice by taking sample questions in each section
- Optionally, at the end of the course, sit the live CDMP specialist examination.

Tutor Biography

Christopher Bradley has spent 40 years in the forefront of the Information Management field, working for International organisations in Information Management Strategy, Data Governance, Data Quality, Information Assurance, Master Data Management, Metadata Management, Data Warehouse and Business Intelligence. Chris is an Information Strategist and a recognised thought leader. He advises clients including: Alinma Bank, American Express, ANZ, British Gas, Bank of England, BP, Celgene, Cigna Insurance, EDP, Emirates NBD, Enterprise Oil, ExxonMobil, GSK, HSBC, MoD, NAB, National Grid, Riyadh Bank, SABB, SAMA, Saudi NIC, Saudi Aramco, Shell, Statoil, and TOTAL.

He is VP of Professional Development for DAMA-International, the inaugural Fellow of DAMA, past president of DAMA UK. He is an author of the DMBOK 2.0 and author and examiner for professional certifications. In 2016 Chris received the lifetime achievement award from DAMA International for exceptional services to furthering Data Management education & to the International Data Management community.

Recently he has delivered a comprehensive appraisal of Information Management practices at an Oil & Gas super major, Data Governance strategy for an Energy Utility, and developed an Information Management training program for a Government Organisation. Chris guides Global organizations on Information Strategy, Data Governance, Information Management best practice and how organisations can genuinely manage Information as a critical corporate asset. Frequently he is engaged to evangelise the Information Management and Data Governance message to Executive management, introduce data governance and new business processes for Information Management and to deliver training and mentoring.

Chris is Director of the E&P standards committee “DMBoard”, sits on several International Data Standards committees, teaches at several Master’s Degree University Classes Internationally. He authored “Data Modelling for the Business”, is a primary author of DMBOK 2.0, a member of the Meta Data Professionals Organisation (MPO) and a holder at “Fellow” level of CDMP and examiner for several professional certifications.

Chris is an acknowledged thought leader in Data Management, author of several papers and books, and an expert judge on the annual Data Governance best practice awards.

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