



CubeMatch
Powering Change

Data Services

Service Brochure

DATA GOVERNANCE

What is Data Governance?

Data governance is promoting the availability, quality, and security of an organisation's data via different policies and standards. Data governance policies and standards help define data owners, data security measures and intended uses for the data.

Big Data, Digital Transformation and the Internet of Things (IoT) technologies to name a few, have created new sources of data, and the need for organisations to reconsider their data management practices. Data quality is critical to achieving key strategic objectives across AI, Big Data and digital transformation initiatives.

A data governance strategy is a high-level plan that defines and outlines the goals and direction for data governance within an organisation – guiding decision-making and resource allocation.

The primary objectives of Data Governance:



Maintaining high-quality, and easily accessible data



Ensuring compliance and security



Improving the agility of data-driven business decisions



Seamlessly sharing knowledge across the organisation



Eliminating uncertainty and instilling trust in data



Driving value through collaboration in current workflows

The key components of a Data Governance Framework:

DATA QUALITY STANDARDS

Setting rules with stakeholders to ensure data accuracy, consistency and continuous monitoring.

DATA ANALYTICS

Creating guidelines for analytics to ensure proper and effective usage of data.

METADATA MANAGEMENT

Managing data assets to control access and ensure proper usage.

DATA SECURITY AND PRIVACY

Ensuring compliance with data regulation requirements, and guarding against breaches to all data.

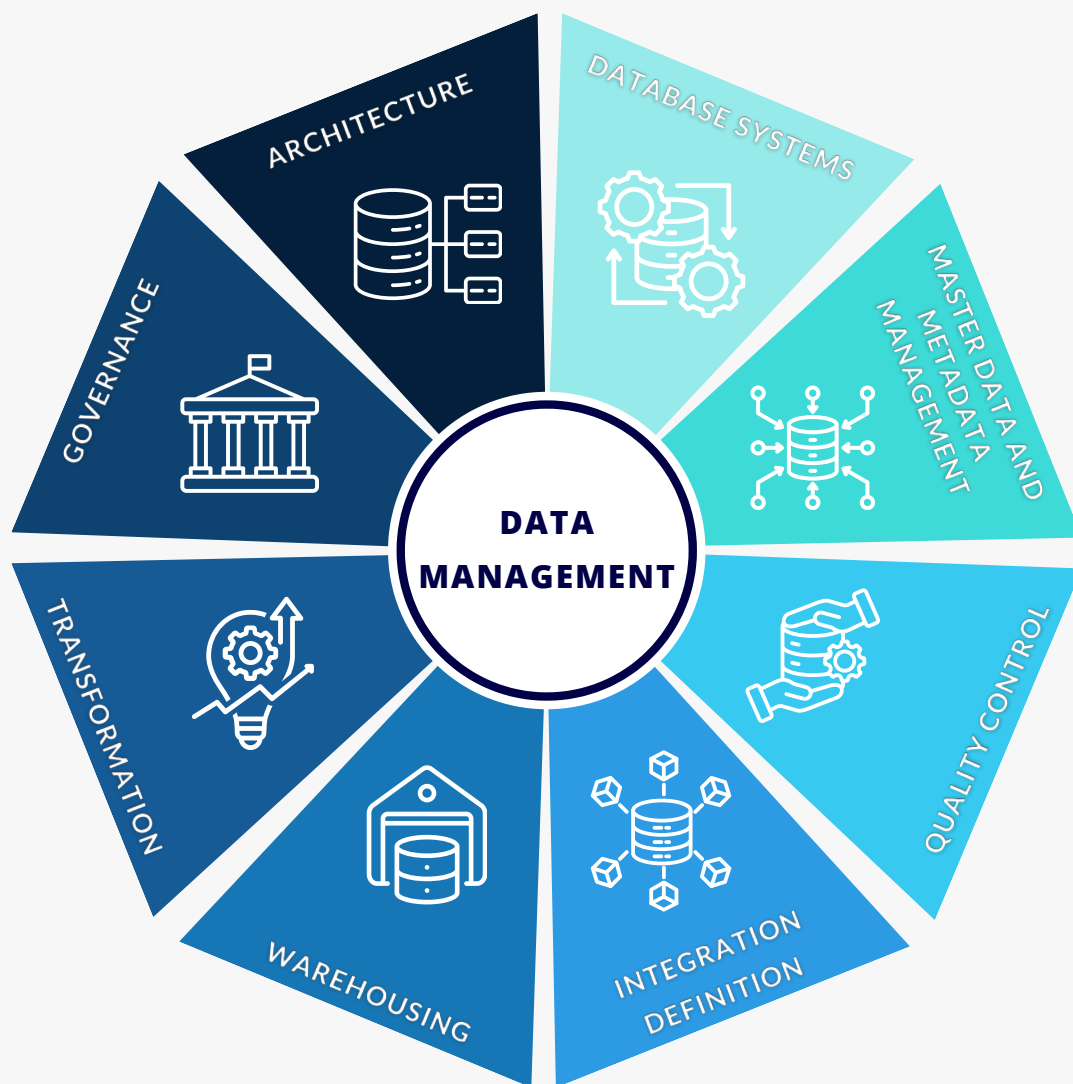
DATA MANAGEMENT

What is Data Management?

Data management is the practice of collecting, ingesting, processing, securing and storing an organisation's data, where it is then utilised for strategic decision-making to improve business outcomes. This includes: data governance and other areas of the data management lifecycle such as: data processing, data storage and data security.

Data management is important for a variety of data-driven use cases including: end-to-end business process execution, regulatory compliance, accurate analytics and AI, data migration, and digital transformation.

A robust data management strategy helps organisations to use their data securely, more efficiently and cost-effectively, within the bounds of regulation so that they can make decisions and take actions that maximise the benefit to the organisation.



DATA MANAGEMENT FRAMEWORK

The key components of a Data Management Framework:



COLLECTING, PROCESSING, AND VALIDATING DATA

**INTEGRATING DIFFERENT TYPES OF DATA FROM
DISPARATE SOURCES, INCLUDING STRUCTURED
AND UNSTRUCTURED DATA**



**MANAGING THE QUALITY OF THE DATA TO ADHERE
TO BUSINESS STANDARDS**



PROVIDING ACCESS TO DATA



**PROTECTING AND SECURING DATA AND ENSURING
DATA PRIVACY**



**MANAGING THE LIFECYCLE OF DATA,
FROM CREATION TO DELETION**



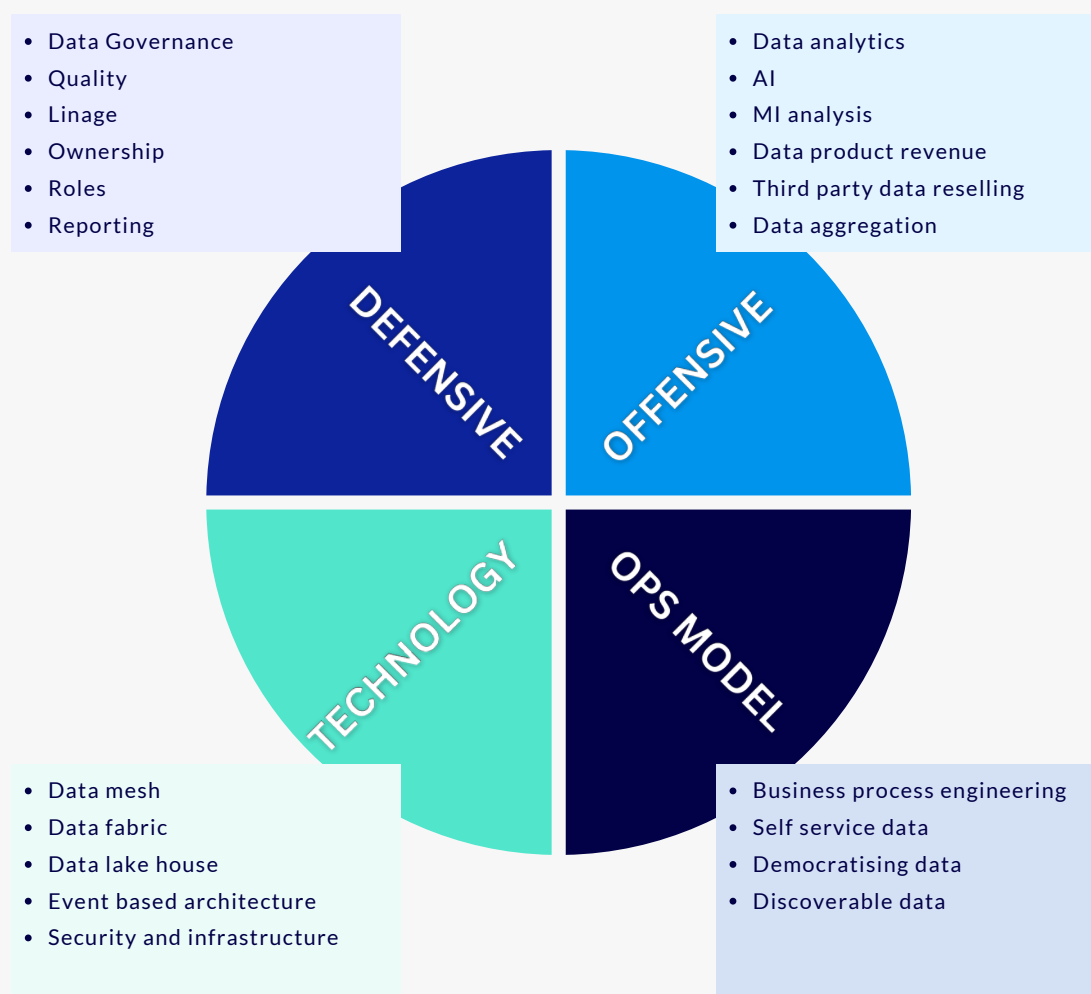
**ENSURING HIGH DATA AVAILABILITY AND
DISASTER RECOVERY**



THE FOUR ELEMENTS OF DATA STRATEGY

The four key components of Business Data

- **Offensive Data Management Strategy** is focused on the monetisation of your data through increased revenues and profitability. This could be derived through an enhanced customer experience, driving an improved commercial position and hence financial income or the direct sale of some data elements.
- **Defensive Data Management Strategy** is more inward-focused and often associated with reducing risk i.e. across Regulatory, Compliance and Reporting obligations. It can also be seen as a key focus to increase liquidity and reduce capital requirements in appropriately regulated companies.
- **Technology Data Strategy** is focused on the investment level required into your data tooling to allow for expansion, minimising ownership cost, ensuring resilience and accessibility.
- **Ops Model Data Strategy** is ensuring your data is readily available and consistent between different areas of the organisation driving greater value from analytics and enhancing collaboration.



DATA QUALITY AND KEY RULES

What is Data Quality ?

Data quality is a measure of a data set's condition based on factors such as accuracy, completeness, consistency, reliability and validity. Data quality refers to the state of qualitative and quantitative pieces of information, that is “fit for use” in their intended use. It is typically a comparison of the actual vs. desired set of applicable data.

Organisations must recognise the important role that data plays in business operations and advanced analytics, which are used to drive business decisions. Data quality management is a core component of an organisation's overall data governance strategy.

Measuring data quality can help organisations identify errors and inconsistencies in their data and assess whether the data fits its intended purpose.

Data quality is based on key rules, whereby CubeMatch would highlight via a transparent reporting dashboard.

The key rules of Data Quality:

ACCURACY

The extent to which data accurately represents real-world values or events.

COMPLETENESS

The extent to which a dataset contains all necessary records, without missing values or gaps.

TIMELINESS & CURRENCY

The extent to which your data is up-to-date and relevant when used for analysis or decision-making purposes.

CONSISTENCY

The extent to which data values are coherent and compatible across different datasets or systems.

INTEGRITY

The extent to which your data is consistent across systems while preventing unauthorised changes or corruption of information during storage or transmission.

GRANULARITY & RELEVANCE

The extent to which your data's granularity and relevance aligns with its intended purpose.

CUBEMATCH DELIVERY MODELS

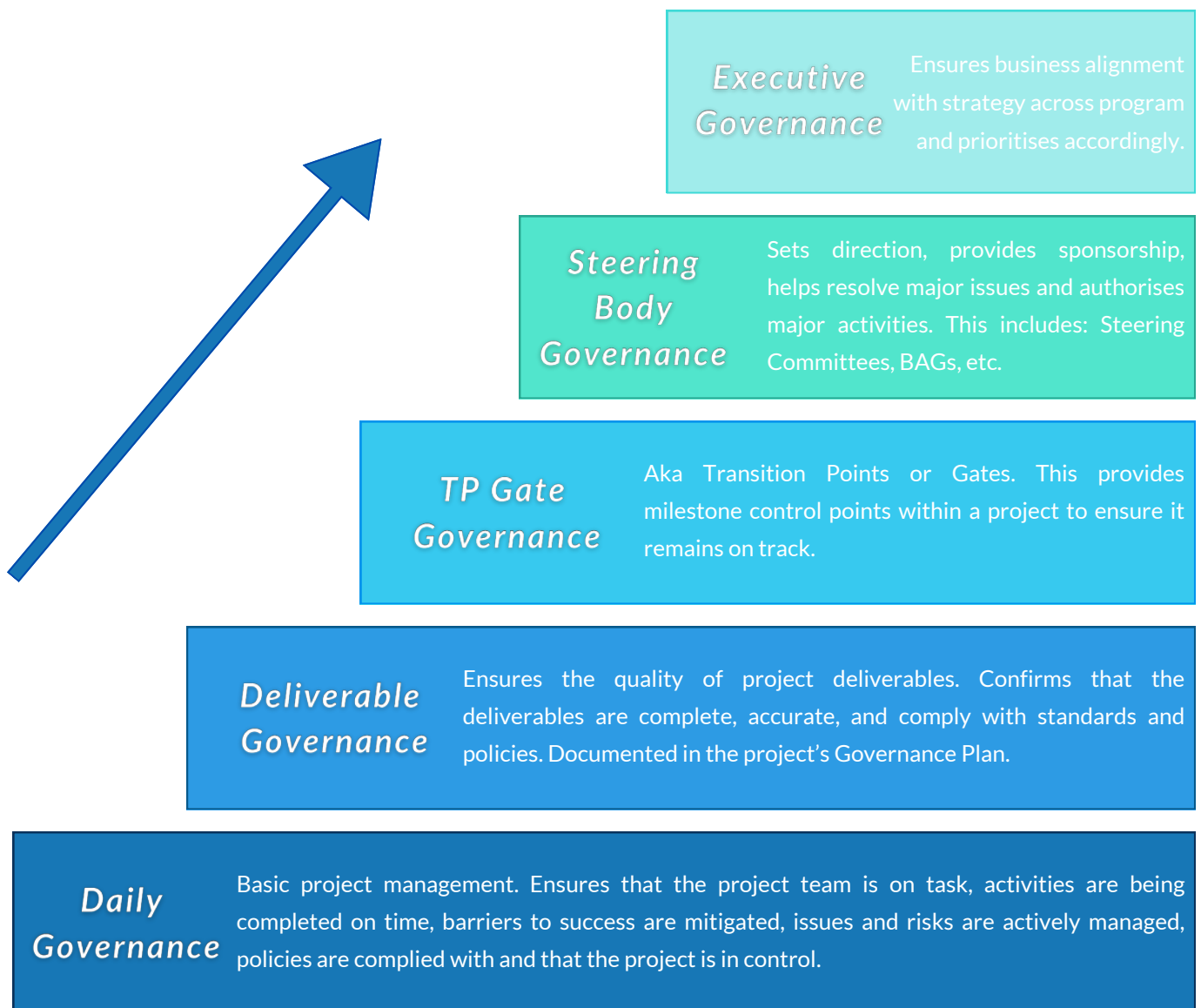
CubeMatch Delivery Methodology (CDM)

The CubeMatch Delivery Methodology is our best-practice methodology to deliver data transformation projects.

- Consisting of a framework that includes processes and rules supported by tools and templates, delivering high quality projects effectively and efficiently.
- CDM is a best-practice blend of elements from both waterfall and agile methodologies, unique industry experience, CubeMatch's Change Framework and industry standards.
- CDM also heavily supports CARM & SOX compliance.

CubeMatch Programme Governance Model

Our project governance model is built to ensure project success and drive business alignment across all stakeholders.



DATA CAPABILITIES & EXPERTISE

Data is a Core Business Asset

By working closely with our clients over the years, our Data Services team has developed a wealth of critical Data Quality Management skills that we use to support organisations on their data journey.

Our highly-skilled consultants remarkably improve our clients' data quality, allowing them to make improved business decisions.

Our Data Services include:



QUALITY ASSESSMENT AND REMEDIATION

DATA MIGRATION



DATA ARCHITECTURE REVIEW

DATA COMPLIANCE AND REMEDIATION



DATA CAPABILITIES & EXPERTISE



QUALITY ASSESSMENT AND REMEDIATION

The success of your business and your ability to ensure positive corporate and customer outcomes ultimately depends on the quality of your data. Over the years, CubeMatch has partnered with multiple customers to provide Data Quality Assessment and Data Quality Remediation services.



DATA MIGRATION

The success of all Data Migration projects, whether it's internal or external systems, rely on having a thorough understanding of the source data, the target data and the processes required to efficiently and accurately migrate the data. Our Data Services Team has successfully managed multiple data migration projects ensuring smooth system upgrades and Financial Book transfers.



DATA ARCHITECTURE REVIEW

The ability of your business to efficiently access data and render it in a meaningful and transparent manner is dependent on the underlying architecture of your data model. CubeMatch has worked with numerous clients to review as-is data models and related outcomes, and has recommended improved architectural models ensuring enhanced corporate and customer outcomes.



DATA COMPLIANCE AND REMEDIATION

Data compliance is the obligations on your business on the handling and managing of personal and sensitive data in a way that adheres to regulatory requirements, industry standards and internal policies involving data security and privacy. Data compliance can vary by industry, region and country but generally have similar goals. CubeMatch have been involved in major remediation programs to determine and execute actions to mitigate risk and meet regulatory rules.

Global Reference Data Services Project

CubeMatch was engaged to work on the implementation of a Global Reference Data services Project in a large investment bank. The task included a strategy for the implementation programme in the bank covering the business architecture and procedures, as well as the Technical infrastructure. CubeMatch helped the bank define and achieve its goals.

Data Quality Review

CubeMatch provided Business Analysts to support the migration of the Irish loan data to a new offshore loan administration system. The Business Analysts were responsible for ensuring the quality of loan data and were part of the Irish data quality team responsible for identifying and reconciling load errors. CubeMatch worked seamlessly with the stakeholders and staff and ensured that the data review was completed ahead of schedule, allowing the Business Analysts to assist in the delivery of another project.

Data Migration - Loan Book Sale

The CubeMatch PM managed the migration of a bank's loan book from the bank's outsourced servicer to multiple buyers of the loan book. This included the direct transfer of data to a buyer and the management of the migration of data to the outsourced servicer for another buyer. Activities included management of files in a data room as well as the technical management of electronic system-to-system transfers. The data migrations were completed on schedule and error-free.

Data Quality Review II

CubeMatch provided Data Analysts to assess the quality of data related to a Tier 1 Irish bank's mortgage books, for audit purposes. The analysts were responsible for reviewing all information relating to the loans, including categorisation of documents, identification of errors, and assessment of correct income and property values underpinning the loans. CubeMatch staff worked closely with the stakeholders and staff to ensure that the data review was completed accurately, and ahead of schedule.

HOW CUBEMATCH CAN HELP

WHO WE ARE

Founded in **2002**, CubeMatch is a **global change and transformation consultancy**, specialising in **Financial Services** and selected as the **chosen partner** for some of the largest and most demanding transformation projects within the Financial Services sector.

CubeMatch is an international brand continuously expanding with **six offices** worldwide : **Dublin, London, Utrecht, Frankfurt, Singapore and Chennai**. Combining our world class expertise in Financial Services with our rich capabilities in all aspects of change and transformation, we apply a **Multiplier Effect**, helping clients to be more effective today while creating value for tomorrow.

We are **Banking Native**; it runs through our **DNA**. Unlike more general change consultancies, this banking intimacy means we deliver change and transformation programmes that stick, against a backdrop of complex regulations and continuous disruption.

Over the years, we have successfully built a global firm that is uniquely equipped to deliver pragmatic and business-focused results. We have over **400 staff** and **multi-million euro revenue**. And through our **strategic partnerships** we apply innovation to help organisations operate, compete and deliver at scale. Blending our powerful change capabilities with next generation technology, we deliver **innovation and business agility** to help businesses thrive.

OUR GLOBAL SERVICES



**Strategic Change
and Programme Delivery**



**Regulatory, Risk
and Compliance**



**Digital Transformation
and Innovation**



Data and AI



**Quality Assurance
and Automation**



Managed Services

To learn more about our global services: <https://www.cubematch.com/>

HOW CUBEMATCH CAN HELP

GET IN TOUCH TODAY



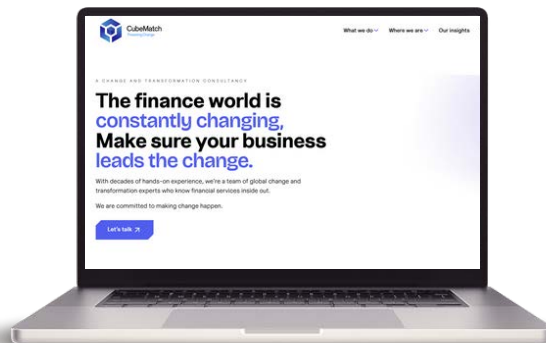
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