



EY Ireland's Data Managed Services

Dublin - Cork - Belfast



90%

of the total data created by humans has been generated in just the last two years*

65%

of CEO's don't trust their company's data†

10-30%

revenue increase by unlocking the value within a company's data‡

53%

of executives identified Data & Analytics as their #1 near-term investment priority†

19%

of D&A roles are vacant due to skills gaps which will slow the ambition to deliver future digital transformation†

Sources:

* = Gartner

† = EY CDO survey

‡ = McKinsey



Introduction

In today's business landscape, data has emerged as a valuable commodity when its potential is fully realised. Effectively managing and optimising your data and analytics operations has become a fundamental element for achieving success. The demand for companies to fulfil this requirement is steadily increasing. By employing EY Data & Insight Managed Services, businesses can capitalise on EY's expertise, industry leading practice, proven assets and accelerators to augment, enhance and accelerate their data and insight strategies and in parallel reduce risk, improve operational efficiency and drive improved business outcomes.

Feedback from clients on why they choose EY's Data Managed Services

- ▶ **Agility & Scalability**
External support can be ramped up and down in a fast and agile manner to meet the operational and project needs.
- ▶ **Maintain Business Focus**
If data and insights aren't core business disciplines, clients outsource to EY to manage these capabilities on their behalf.
- ▶ **Improved Service**
We provide strong governance, leading practice standards and frameworks supported by regular operational and service level reporting.
- ▶ **Capability Acceleration**
We 'jump start' the new data and/or insight capabilities before transitioning to internal teams when embedded and stable.
- ▶ **Flexibility**
EY teams can provide support to legacy businesses and data environments while clients undertake in house change programs required as part of restructuring or M&A activity.
- ▶ **De-risking**
EY takes on the risk and operational challenges of maintaining the data and insight to an agreed service and quality level.
- ▶ **Value for Money**
Achieve greater levels of efficiency and best practice through the deployment of EY's assets and accelerators to drive growth and value
- ▶ **Support Transformation**
Large long-term projects often require in-house resources to be back-filled for an extended period.



EY's Data Managed Services

1. Administration

- ▶ Monitoring & support via Service desk
- ▶ Infrastructure provision and database set-up
- ▶ Managing database environments and resources
- ▶ Capacity management and optimisation
- ▶ Troubleshooting & root-cause analysis
- ▶ Cloud and resource cost management
- ▶ Archiving, back-up & recovery
- ▶ Security management

2. Integration & Provisioning

- ▶ Data integration & provisioning
- ▶ Data virtualisation
- ▶ Integration monitoring
- ▶ Data quality monitoring
- ▶ Data migration services
- ▶ Integration framework

3. Platform & Engineering

- ▶ Data platform design and architecture
- ▶ Platform engineering
- ▶ Data products
- ▶ Industry & functional data models
- ▶ Data enrichment services
- ▶ Data mastering

4. Governance

- ▶ CDO organisation jump-start
- ▶ Data governance
- ▶ Data architecture & modelling
- ▶ Data quality monitoring
- ▶ Policies & standards
- ▶ Regulatory compliance
- ▶ Security & controls



Administration

Data Administration is a critical service that focuses on managing the operational aspects of an organisation's data infrastructure. Skilled and experienced Database Administrators (DBAs) and Data Analysts ensure organisations can achieve reliable, secure and high performing operational data. EY's Administration service provides a range of activities and responsibilities to optimise database operations and support data-driven decision-making.

Administration Services

- ▶ **Capacity Planning**
Capacity planning to ensure that the necessary resources, such as storage and computing power, are available to handle the data volume and processing requirements.
- ▶ **Troubleshooting and Issue Resolution**
Troubleshooting and resolving database-related issues to minimise system downtime, data loss, and disruptions to business operations.
- ▶ **Cost Management**
Cost management strategies in data provision are used to make sure resources are used efficiently and to control expenses related to data provision.
- ▶ **Backup and Recovery**
Implement robust backup and recovery strategies to protect against data loss and ensure business continuity. Backup and recovery processes are crucial for data protection and disaster recovery planning.
- ▶ **Security Management**
Scheduled DBAs are responsible for managing database security to safeguard sensitive data and protect against unauthorised access.
- ▶ **Monitoring and Support**
Data administrators provide proactive monitoring and support for database systems. Their continuous monitoring and support ensure the reliable operation of databases and minimise the impact of potential disruptions.



Integration & Provisioning Services

Provisioning focuses on achieving the efficient, timely and accurate sourcing, access and movement of data to meet business needs. It involves the implementation of data orchestration, integration, workflows, and computing capabilities to enable the efficient handling of both batch and streaming data, whether internal or external. Data Provisioning ensures that the right data is available at the right time and in the right format to support various business needs, data-driven processes and insights.

Integration & Provisioning Services

- ▶ **Data Provisioning**
Cost management strategies in data provision are used to make sure resources are used efficiently and to control expenses related to data provision.
- ▶ **Integration Monitoring**
Effectively manage the movement and transfer of data between different endpoints within client environments. Monitoring these to ensure successful data synchronisation.
- ▶ **Data Migration**
Providing migration services, moving data between legacy and new environments and applications, including migration to Cloud and SaaS ERP solutions. Utilising EY's data migration platforms.
- ▶ **Data Quality Monitoring**
Monitoring Data quality as it is provisioned, ensuring that it is accurate, consistent, complete, and free from errors. Reporting can be extended to sources as required.
- ▶ **Virtualisation**
Provide real-time access to enterprise data across multiple heterogeneous sources through creation of a single data-access layer for finding and using all enterprise data without creating a new source.



Platform & Engineering Services

Data Platforms improve access to, and the reuse of, data to the wider organisation through a centralised infrastructure and set of tools to manage, store, process, and analyse data efficiently. EY supports our clients to harness data, utilising big data concepts and architectures, to create new data sources that can be more easily combined and analysed for business use. This includes structuring and enhancing data so that it can be utilised for insight, artificial intelligence, or providing data submissions for industry reporting.

Platform & Engineering Services

▶ Platform Engineering & Management

Select from a wide range of industry standard and non-standard data ontologies, resulting in improved efficiency and data quality, enhanced data understanding and insights.

▶ Data Products

Creating and maintaining data products that are required for downstream use within the organisation or externally. These can include analytical data sets for regulatory submission

▶ Industry Data Models

Select from a wide range of industry standard and non-standard data ontologies, resulting in improved efficiency and data quality, enhanced data understanding and insights.

▶ Data Enrichment

Performing data enhancement through integration of new internal and external data sources e.g. Dun & Bradstreet, to create higher quality and more complete data sets.

▶ Metadata Management

Performing the structuring and tagging of data to improve its discoverability, making it easier for users to find relevant data assets within the Data Platform. It also plays a crucial role in governance and compliance.



Governance Services

EY's Data governance service supports the Chief Data Officer or other C-Suite executives to have the right level of ownership and decision making around your data assets. We do this through establishing robust architectures, definitions, standards and frameworks that enable the business teams to inform and guide decisions. By implementing robust data governance practices, organisations can ensure the business strategy is underpinned with the right data and insight capabilities and investments.

Governance Services

▶ Governance

Governing the data on behalf of the organisation, ensuring roles, responsibilities and decision making is clear and that impacts and changes to data are effectively reviewed.

▶ Data Modelling

Creating a visual representation of data to communicate connections between data points and structures. The goal is to illustrate the types of data used and stored, the relationships among these data types, the ways the data can be grouped and organised and its formats and attributes.

▶ Regulatory Compliance

Ensuring the data and management processes comply with relevant legislation and standards e.g. GDPR, Data Privacy.

▶ Architecture

The organisational data is catalogued, definitions and standards are established and principles and policies for its use are in place.

▶ Monitoring & Reporting

Monitoring and reporting of data quality and provisioning across the enterprise to support active management, compliance and quality improvement initiatives.

▶ Data Privacy & Security

Providing frameworks, policies and standards for data privacy and compliance to security standards. Monitoring of compliance to data security policies within the organisation.



Is this right for me?

Data Managed Services offer businesses expert knowledge, scalability, and reduced operational burden. They efficiently manage data infrastructure, provide flexibility, and allow businesses to focus on core competencies while enhancing data capabilities.

Which companies should consider Data Managed Services?

▶ You need additional support to:

- ▶ Accelerate your digital transformation initiatives
- ▶ Keep pace with the increasing demands
- ▶ Release your existing data and analytics teams to deliver transformation
- ▶ Take responsibility for a recent acquisition while its being integrated
- ▶ Backfill roles because you're struggling to attract and retain skilled resources

▶ You want to quickly establish teams to experiment and innovate with Data, Analytics and AI without making commitment to recruit teams

▶ Data, while important to you, is not a core business discipline and therefore you would prefer to partner with a company who brings this expertise.

▶ You need to improve operational outcomes that are currently being undermined by poor data and insight

▶ Improve organisational agility by unlocking the potential in your data

▶ You want to improve trust and reduce business risk that occurs due to poor data quality and compliance



Contact Us

To find out more about how EY Ireland can support you on your Data & Insight journey, please contact:



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