

# Data management services

Power your mission with a secure, adaptable data environment



## Key benefits

- Enable analytics by seamlessly collecting, aggregating and managing internal and external data pipelines in real time
- Make enterprise data accessible through business intelligence applications and dashboards to extract value and insights
- Move data to the cloud to augment analytics capabilities
- Gain immediate, expert support for data management life cycle needs

Traditional data management technologies and structures are not capable of meeting mission and user requirements that today's diverse data necessitates. The increasing need to access business data combined with new data sources requires updated technology solutions—more complex, hybrid structures and distributed data stores as well as the right talent resources to support an agile, efficient and secure data pipeline.

With the right data management foundation, enterprises that are committed to expanding their analytic capabilities will be able to withstand rapid mission changes and urgent business demands.

## Our solution

Perspecta provides expertise in highly complex data integration and management at speed and scale to create a clear path to insight. Our data management services tackle the entire data life cycle—data transformation and extraction, exploitation and storage, security controls and the selection of the best method to deliver insights via business intelligence dashboards and visualizations.

We help organizations make sense of their data environment and tap into their rich data resources to generate a single version of the truth across business departments, systems and the enterprise. From design and agile development to integrating diverse data sources, to delivering actionable information where it needs to be, we build practical solutions that enable customers to confidently scale operations, gain actionable insights and drive business decisions. Our service solution delivers:

- **Expedited outcomes:** Our skilled data architects, engineers and business intelligence analysts synthesize information across our customers' data environment to

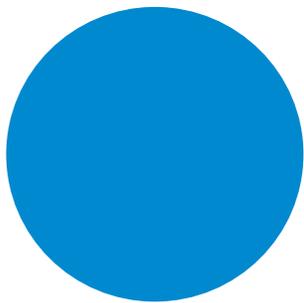
improve decision-making through easier access to reliable data

- **Effective management of volumes of information:** Our experienced data experts help customers optimize their data life cycle to improve efficiency, reduce risk and foster innovation
- **Effective governance and protected data:** We help customers maintain the ongoing accuracy and performance of their end-to-end data platform. We engineer and support solutions to meet compliance mandates for data access, retention and security

## Data management

Our services implement data management best practices to gain efficiency from integrated data curation processes, automation and DevOps. We specialize in proven methodologies, accelerators and the high-volume, complex data environments that are characteristic of large organizations. We define the architecture required to capture and deliver information from diverse sources, bringing together data in data hubs, data warehouses, operational data stores and data marts for cross-functional analysis. Through information quality initiatives such as metadata management and governance, we improve the accuracy and reliability of data—making it transparent, traceable and certifiable.

Perspecta's data management services are comprehensive and offer flexible options to overcome talent deficiency and resource constraints. We enable analytics by seamlessly collecting, aggregating and managing our customers' internal and external data pipelines in real time. We make this happen by providing an experienced team of data engineers, integration specialists and data scientists with rich domain experience to collaborate with



and support an organization's existing data management teams.

We provide core data management services including data warehousing, data ingestion, modeling, mapping, transformation, data cleansing and reporting alongside our cloud-based data management solutions. Our expert team of 500+ data scientists and engineers deliver services based on industry best practices to expedite data-driven outcomes. Specific services include:

- Data architecture
- Data integration
- Data warehousing
- Data modeling
- Information governance
- Information quality
- Metadata management
- Data migration

Additionally, cloud deployments are accelerating new data and analytics capabilities with increased flexibility. Perspecta understands information on an enterprise scale and can integrate data to support increasingly sophisticated analytics and user communities.

### **Business intelligence**

Perspecta helps organizations extract value and insights from enterprise data stores by making data accessible through business intelligence applications and dashboards. We combine the tools, technologies, processes and organizational structure required to deliver data and enable visibility, insight, collaboration and decision-making across the organization.

We employ high-performance, scalable technologies to help users access the information they need, when they need it to improve productivity and collaboration across and among teams. With deep technical expertise throughout the entire data life cycle and business intelligence journey, Perspecta's data experts provide proven sustainable and future-ready technology solutions in:

- Business intelligence maintenance
- Business intelligence support

### **Why Perspecta?**

We have deep experience in designing, building, implementing and supporting big data solutions from start to finish. Our expertise with highly complex data integration efforts helps our customers leverage information to drive decision-making and business outcomes. We have implemented and optimized large public sector data management ecosystems encompassing the end-to-end life cycle including acquisition, transformation, integration, storage management, dashboards, information delivery, business intelligence and analytics.

Perspecta brings more than 40 years of experience in business and technology consulting, architecture, on-site support for critical business systems and infrastructure operations to a wide range of customers. Our expertise extends across a range of leading data and analytics platforms including commercial off-the-shelf or open source, whether on-premise or in the cloud. Our proven methodology, analytics global methods, is recognized across the industry and ensures a best practices approach to delivering data management services for your organization.

We have successfully led customers through the development of complex data integrations to enable analysis and analytics efforts using structured, unstructured and semi-structured information. Our recommendations for data platforms, databases, reporting, analytics processing and extract, transform, load and our hands-on development and engineering expertise and services help our customers establish a strong data management foundation to advance their data management environment.