CGI

Experience the commitment®

Data Solutions for Federal Digital Transformation

Data is the "fabric" of digital transformation. As the amount of available data increases at an astonishing rate, agencies must move from simply owning data to sharing and leveraging data. CGI's data services and solutions help agencies gain the full business value of data.

Data solutions allow agencies to gain actionable insights that enhance decision-making, improve coordination across business functions in their organization, increase transparency and maximize operational efficiency. However, agencies face fundamental challenges. Data silos, limited data standards, few skilled resources and a lack of cost-effective methods limit an organization's ability to transform raw data into useful and actionable intelligence.

CGI DATA OFFERINGS

With CGI's analytics best practices, services and solutions, clients can harness data and transform it into actionable intelligence.

- **Data Advisory Services** to help federal organizations better harness and organize data. Our services include a business needs assessment, data strategy roadmap, architecture planning and review, advanced integration and modeling techniques and comprehensive review and advice on security and governance.
- **Data Analytics Services** to help agencies extract maximum business value from data. Services include analytics delivered through Agile techniques, machine learning for predictive and prescriptive analytics, Artificial Intelligence (AI) and Natural Language Processing (NLP) using Deep Learning and large scale data visualizations.
- **Digital Insights Studio** for end-to-end, scalable data analytics, including rapid provisioning and automated deployment, comprehensive security and governance, industry blueprints and starter kits and cloud-ready technology.

DATA SOLUTIONS AT A GLANCE

OFFERINGS
- **Data Advisory Services** to help organizations realize and fully-leverage digital insights
- **Data Analytics Services** to empower business decisions with actionable data
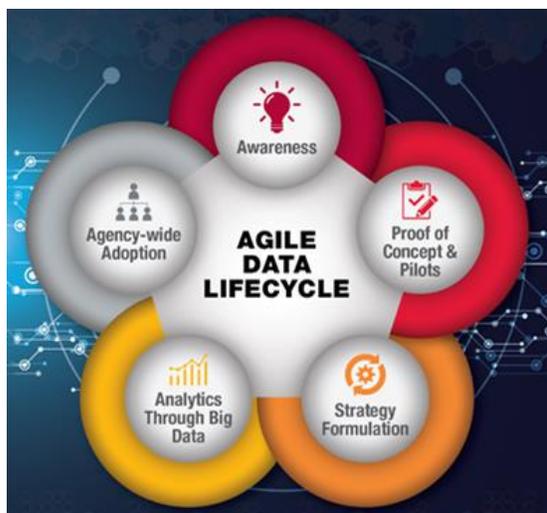- **Data Insights Platform** that delivers scalable insights and integration

WHY CGI?
- Business-oriented technology experts
- Global network of data professionals
- Rapid response team engagement model
- Network of academic and industry resources
- Business-oriented approach to data science that drives digital transformation

ADDRESSING THE ENTIRE DATA LIFECYCLE

CGI's data scientists address the entire data lifecycle in building and executing solutions for federal government. In the initial **awareness** phase, we work closely with stakeholders to understand how the agency interacts with data and how it affects IT functions. We develop **proofs of concept** and outline **strategies** to help the agency access insights, respond to requirements shifts with greater speed and drive more innovation. We leverage predictive and prescriptive **analytics** to enhance decision-making and drive the right outcomes. Finally, we focus on **agency-wide adoption** to attain value from all available and existing data across the agency.

WHY CGI?

- Business-oriented technology experts who understand federal agency priorities and impacts, and deliver tangible outcomes.

- A global network of skilled professionals collaborating with commercial and government customers to integrate emerging data trends and drive holistic digital transformation.

- Rapid response team engagement model, allowing for greater efficiency and quicker time to delivery.

- Network of academic and industry resources, providing access to cutting edge research and emerging data techniques, as well as a platform to enhance CGI's position as a thought leader.

- CGI's business-oriented approach to data science helps customers implement and mature data and analytics functions that power digital transformation.

ABOUT CGI

Founded in 1976, CGI is one of the largest IT and business process services providers in the world. Operating in hundreds of locations across the globe, CGI helps clients become customer-centric digital organizations. We deliver high-quality business and IT consulting, systems integration and transformational outsourcing services, complemented by more than 150 IP-based solutions, to support clients in transforming into digital enterprises end to end. CGI works with clients around the world through a unique client proximity and best-fit global delivery model to accelerate their digital transformation, ensure on-time, within budget delivery, and drive competitive advantage in today's increasingly digital world.

For more information about CGI, visit www.cgi.com/us-federal

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