



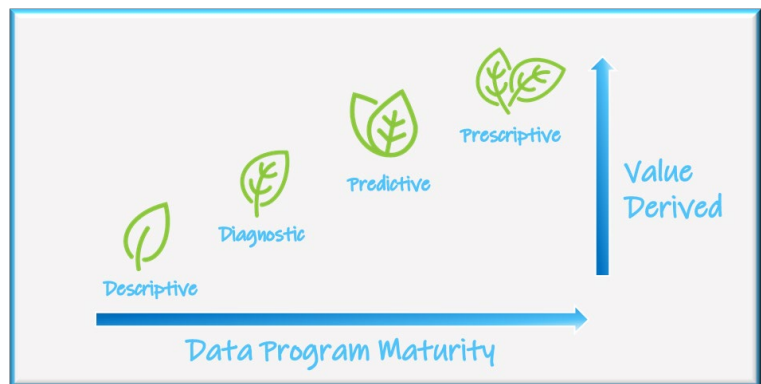
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# Data Strategy & Analytics

## Our Perspective

With millions of data points being created by legacy and modern information systems every minute, institutions across the world are placing an emphasis on data strategy, governance, and analytics. This trend is creating a growing and urgent focus on government organizations to create programs that will provide information to support decision making, rooted in actual data and statistical trends. Our passion is to rethink how organizations create value with a focus on sustainable business transformation for a better future.

At ViaTrie, we take a systems engineering based, holistic approach in creating data programs. The goal of a data program is not to organize database assets, but rather create an ecosystem that uses data as the basis for increased situational awareness and visibility into the past, present, and future of current mission operations. As capabilities evolve in this manner, it is also important to consider the ethics involved in data workflows. For example, how many of an organization's decisions can be automated based on the accuracy of the data used behind specific analyses? Is there positive diversity or negative bias in a given data program and can it be measured over time?



Finding the right mix of traditional and modern data strategies is a difficult task, but an important one. Data governance programs can implement standards and increase native interoperability across systems; however, emerging technologies and applications are being developed to handle more and unstructured data, dynamically discover relationships across data sets, and use real data to predict and even prescribe outputs of specific scenarios. We use a human-centered approach to collaborate with leadership teams to identify data goals, triage and assess current data sources and initiatives, identify gaps, and mature data-driven capabilities. ViaTrie uses pilot programs and prototypes to demonstrate the art of the possible to multiple user groups, evaluate new technologies and tools, and prove return on investment as early as possible. Key to our success is the emphasis on usable reports, visualizations, and dashboards tailored to specific user personas.

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*Build a data science capability across an enterprise such that it can deliver the next level of organizational performance and return on investment.*

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## Our Services & Deliverables

- Enterprise Data Engineering
- IT & Cloud Spend Analysis & Decision Making
- Establishing Data Governance Programs
- Advanced ETL capabilities
- Ethics & Compliance of (AI/ML) Implementation
- Data Analytics and Outputs for Actionable Insights
- Agency Data Strategy & Implementation Roadmap

## ViaTrie Experience

Our team has experience serving civilian, DoD, state, and international government entities in over 40 programs. Our success spans implementing large-scale systems, databases, and data programs across the federal government, including enterprise systems serving both government and commercial clients. Our management consulting experience supporting environmental, health, telecommunications, finance, budget, and defense data sets gives us a breadth and depth of experiences spanning strategic and tactical activities. Specifically in data services, we have experience designing the enterprise architecture for geospatial data for the Army CIO, developing a data strategy for the Office of the Undersecretary of Defense, providing data analysis and reporting to Congress on wide-scale program budget and expenditures, procuring satellite imagery, and even implementing IT infrastructure, metadata, images, and data tagging for the government of Argentina. Currently, ViaTrie serves at GSA defining and improving the data pipelines and resulting analysis for EIS telecom infrastructure data; key to proving cost savings and enabling modernization efforts across Federal agencies.

## About ViaTrie

At ViaTrie, a company founded by three women, we find the symbolism of the tree to support our vision of growth (both ethically and sustainably), protection (through fostering a safe and transparent workplace with an emphasis on trust and empowerment), and strength (as respected, innovative, and trusted leaders in the industry). We have strong roots in this business and this area, and our mission is to partner with organizations to create human-centric, mission-focused, socially responsible, and technology powered innovations. Collectively, we have held numerous leadership positions in both large and small companies, with a focus on successful execution of policy, business analytics, acquisition, enterprise architecture, and compliance projects at the highest levels of the government. Most importantly, we have the experience to help our customers find technical and process-oriented solutions to achieving goals that support their mission. Key customers supported throughout our careers include the General Services Administration (GSA), the Department of Defense (DoD), the Department of Commerce, the Veterans Administration (VA), the Environmental Protection Agency (EPA), and the Federal Aviation Administration (FAA).

