Government Data Analytics

The Value of Government Data Analytics Is Priceless

The government owns some of the most data-rich assets in the world and generates significant economic and financial data, statistics, analysis, and predictions. These resources are available to citizens, government agencies, researchers, nonprofits, and businesses. Using government data effectively will increase efficiency and democratic legitimacy. This allows government agencies to provide better services at a lower cost while also increasing visibility into their operations.

But turning all that data into valuable insights is a tall order. REI Systems helps integrate, house, structure, process, analyze, and visualize data so government can better serve citizens, offer greater transparency, advance science and business innovation, and foster more evidence-based policymaking.

SERVICES

REI Systems' proven approach helps clients translate their data into real value so they better deliver on their mission. Data is the currency of our era. Let us help you capture the most value from yours. We provide comprehensive government data analytics services, including:

- → Data Strategy, Architecture & Governance
- → Data Engineering
- → Data Analytics & Visualizations
- → Data Transparency
- → Data Science (AI/ML/RPA)
- → Performance Management

REI's government data services are the backbone to some of the most cutting-edge work we deliver in government.
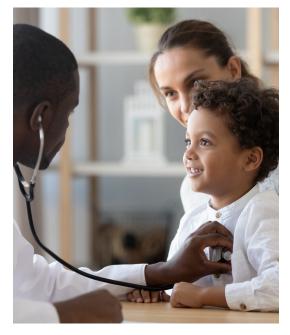

GOVERNMENT DATA ANALYTICS BENEFITS

- → Make better policies, serve citizens faster, increase transparency, and respond quicker to crises like pandemics or national disasters faster with data-driven decision capabilities.
- → Harness the power of your agency data to provide smarter, responsive, and personalized service.
- → Find advanced and useful ways of leveraging your agency data to better allocate resources, measure success, and improve the efficiency of programs.
- → Use your data to implement a smart infrastructure that lowers operating costs; deeply reduce fraud, waste, and abuse; or uncover cheaper ways to improve health outcomes.

Our Government Data Analytics Impact

FEMA DATA EXCHANGE PROGRAM (FEMADEX)

REI is helping transform FEMA's data and analytics capabilities with the creation of FEMADex, a unified and modern data analytics multi-cloud platform that pulls data from multiple internal and external sources. FEMADex will be more scalable, resilient, accessible, and secure than the legacy Enterprise Data Warehouse system, so stakeholders have data to make critical decisions before, during, and after disasters.

HRSA MODERN DATA ANALYTICS PLATFORM (MDAP)

REI developed and maintains MDAP, a state-of-the-art data analytics platform solution within HRSA's Electronic Handbook (EHB). A grant and program management system, EHB manages $12 billion in healthcare grants annually. MDAP helps HRSA executives make data-driven decisions to improve organizational performance. MDAP was delivered using domain-based EHB Data Warehouse, Government Off-The-Shelf (GOTS) Data Processing and Business Intelligence embedding microservices, and a Tableau and data science workbench that supports ML model development in R and Python using open-source libraries. MDAP has saved $1+ million yearly with self-service analytics and reporting automation. It supports better mission outcomes to serve ~100M beneficiaries using ~20K partners across the nations, and reduce operational risks.

Contact our data analytics experts today to find out how we can help you extract priceless value out of your data! Email us at info@reisystems.com.