

Simplifying Data + AI so state and local governments can deliver better public services to their communities

Building a smarter and more innovative state and local government starts with unlocking the power of data and machine learning. Driven by the increasing demands of citizens who require access to better services faster, state and local governments are being called upon to tackle challenges from population healthcare to crime prevention.

Leading state and local agencies power innovation with Databricks



City of Spokane

Enabling multiple BI and AI use cases through the modernization of their entire data analytics infrastructure



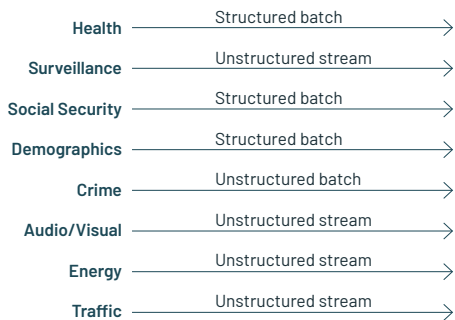
DC Water Authority

Using predictive analytics to ensure quality control for the city's water supply of over 700,000 residents and nearly 20 million annual visitors

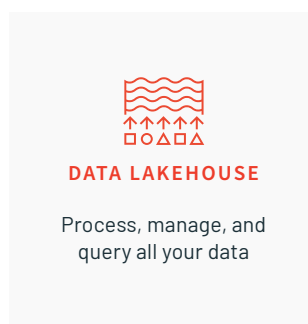
Unlock the value of data lakes for BI and ML

Databricks provides a secure lakehouse platform in the cloud that helps state and local agencies democratize data for downstream analytics and AI to better protect and serve its communities.

All your government data



Reliable, real-time processing



Analytics capabilities for every use case



DATA CHALLENGE	THE DATABRICKS LAKEHOUSE FOR STATE AND LOCAL GOVERNMENT
DATA INGEST: Processing batch and streaming data can be slow and error-prone, impacting downstream analytics.	Process structured or unstructured data, whether batch or streaming, for comprehensive analytics on all your data
DATA LAKE MANAGEMENT: Data silos can limit ability to gain a complete view of the customer.	Easily handle large volumes of data from multiple sources (business applications, demographics, crime, traffic, etc) built on a strong privacy foundation
DATA QUERY: Fragmented, siloed and inconsistent data sources for BI and data science.	From AI to BI, rapidly and inexpensive analyze, manage and model all your data in a single platform

Databricks customers in state and local government



Use Cases

Across state and local governments, data and AI is providing the insights and predictive capabilities to improve the citizen experience across all public services.



Health & Human Services

Enhance disease surveillance and the delivery of quality of health and human services to our communities.

- Pandemic outbreak prediction and resource management
- Social Determinants of Health (SDOH) analytics
- Disease surveillance for outbreak prediction and resource deployment
- Insurance claims patient and provider utilization



Law Enforcement

Empower criminal justice departments with all data sources and CJIS-compliant predictive analytics to mitigate criminal activities.

- Fleet maintenance and logistics
- Predicting high crime areas
- Predictive models for courts and incarceration management
- Video and social media surveillance analytics



Commerce

Proactively detect anomalies with machine learning to mitigate risk and prevent fraudulent activity.

- Tax and revenue forecasting
- Tax fraud and collection
- Process and operations management
- Grants management



Public Authority / Utilities

Leverage data analytics to transform local infrastructure, improve operational efficiency, and reduce costs.

- Predictive maintenance
- Customer 360
- Sentiment analysis
- Fraud prevention



Energy

Plan for efficient delivery of resources and a sustainable energy grid with data analytics.

- Security of energy infrastructure
- Smarter energy management
- Energy exploration
- Electrical grid reliability



Transportation

Streamline logistics through analytics to improve traffic flow and predict maintenance issues for public transportation systems.

- Airport logistics
- Highway planning
- Road traffic optimization
- Predictive maintenance

The Databricks Impact

Databricks helps companies automate infrastructure management, increase ETL performance at scale, and accelerate machine learning and analytics initiatives.

12x faster
ETL pipelines

Impact: Faster time-to-market for new analytics insights and models

+25%
gain in productivity

Impact: More productive data scientists result in more AI innovation

+47%
overall cost savings

Impact: Lower infrastructure costs boost operational margins

To learn more, visit us at dbricks.co/state-local-government