TensorIoT

Public Sector Nonprofit Cuts Reporting Time by 50% with TensorIoT

CHALLENGE

A public sector nonprofit focused on health and outreach struggled with fragmented data systems and tedious manual reporting. Teams lacked a unified way to access data across public health campaigns, service delivery programs, and partners. This limited visibility hindered timely action on issues like vaccine coverage and made it harder to meet the reporting demands of funders counting on measurable impact.

SOLUTION

By deploying TensorInsights, a secure GenAI analytics platform on AWS, TensorIoT helped the nonprofit gain rapid, unified access to data across multiple sources. AWS delivered scalable, compliant infrastructure, while AWS public sector experts supported co-innovation. The solution launched fast with minimal effort, aligned to mission goals.

RESULTS

The nonprofit cut reporting time by over 50%, turning multi-day data pulls into same-day insights. Teams found information more quickly and made faster decisions across departments. Executives shared impact updates in minutes, improving transparency across the organization. The faster reporting and improved data access enabled better resource planning, quicker response times, and stronger engagement with partners and grantors.

TensorIoT

TensorIoT, an AWS Advanced Tier Partner with multiple competencies, helps public sector nonprofits drive innovation with end-to-end solutions in IoT, AI/ML, and data analytics. TensorIoT accelerates GenAI adoption through secure, scalable deployments designed to address complex challenges across various industries, enhancing efficiency, decision-making, and customer engagement.

Better with AWS

TensorIoT brings deep experience deploying AI solutions for public sector nonprofits. AWS brings the scalable, secure infrastructure and model flexibility needed to support sensitive use cases. Together, we empower nonprofit teams with intuitive GenAI tools that eliminate technical barriers, streamline reporting, and improve transparency, driving measurable mission impact. Learn more on AWS Marketplace.

> **Working with TensorIoT and AWS completely transformed how we use data. With TensorInsights, our team can now ask plain-language questions and instantly get insights that used to take days of manual reporting.**
> **The combination of AWS's secure, scalable platform and TensorIoT's nonprofit-focused expertise helped us turn fragmented data into real-time decision-making power. It's been a game changer for our mission and our impact."**
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> — Director of Data & Impact, Anonymous Public Sector Nonprofit

Public Sector Nonprofit Overview

A regional public sector nonprofit focused on delivering health and human services to underserved communities. The organization manages a network of outreach programs, partners, and grant-funded initiatives, working with local agencies and providers to expand access to care, support, and resources. Its mission-driven work bridges critical gaps in equity, access, and community well-being across the region.

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