

THE POWER OF BREAKING DOWN DATA SILOS



In this Q&A, **Tony Ayaz**, CEO and co-founder of Gemini Data, talks about the importance of data availability as agencies launch transformation efforts and implement augmented and artificial intelligence.

What's the difference between artificial intelligence and augmented intelligence?

On the surface, augmented and artificial intelligence look alike with one major difference — there's a person, likely a developer, behind augmented intelligence telling the program how to learn. Augmented/cognitive technology is designed to enhance human intelligence, not replace it. People should think of augmented intelligence as a complement to human intelligence. It's about helping humans become faster and smarter at the tasks they're performing.

On the other hand, artificial intelligence is often implemented today as a mechanism of automation that is machine learned and enhanced. We believe human and machine intelligence need to be connected with context.

Why should government organizations embrace augmented intelligence and machine learning?

Agencies have made significant investments in big data platforms to collect data, but it's difficult for non-technical personnel to extract valuable insights from these platforms.

The good news is agencies can now leverage this data by using augmented intelligence to reduce the barriers and expertise required to gain insights. To do this, however, agencies must solve significant data availability challenges.

Gemini enables public sector teams to use a unified SQL query across multiple data platforms without copying, moving or transforming the data. This provides data availability that must be at the foundation of every digital transformation initiative. Data availability also delivers the data diversity needed to make artificial intelligence a reality.

What challenges do state and local governments encounter when they move to extract greater value from their ever-expanding infrastructures?

We believe extracting more value from an ever-expanding data infrastructure sounds a lot like delivering digital transformation. And the sad truth is, according to McKinsey, most digital transformation initiatives have failed to meet expectations due to data and

organizational silos. Over the past two decades, public sector organizations have evolved their analytics architectures from databases, to data warehouses, to data marts, and now data lakes. These organizations sought easy to access data, data reuse, tight integrations and simple deployments. Unfortunately, this vision didn't pan out. In reality, these public sector organizations built more silos, lakes and proprietary data platforms.

How can augmented intelligence solutions help address the shortage of data scientists and analysts within government agencies?

Augmented intelligence seeks to empower teams with faster and smarter decision-making. Conceptually, this makes a lot of sense. In reality, until an organization addresses its data availability challenges, augmented or artificial intelligence is basically unattainable.

Once this issue is addressed, data is made available quickly and easily and the power of augmented intelligence is unlocked for many more users, which will help alleviate gaps caused by the shortage of data scientists. Gemini includes Unified Data Access using ANSI-SQL, the world's most adopted query language for use on data residing in some of the most complicated data platforms. There are a lot more SQL experts in the market than specialized systems experts. In addition to SQL, Gemini helps lower the skills barrier by making data access and availability simpler across complex systems that contain critical data.

How can organizations eliminate the complexity of using augmented intelligence to meet their mission and better serve citizens?

Gemini eliminates complexity in three ways. We make data easily available for artificial and augmented intelligence. We provide a single query language to operate on any data, without moving or copying data. And we deliver the best of human and machine intelligence through an Autonomous Data Infrastructure that enables unified access across data silos.



G E M I N I D A T A

Demystify your Digital Transformation Journey with **Data Availability**



Access

your data silos, lakes and warehouses without ETL, moving or copying data.

Connect

machine and human intelligence to deliver enterprise knowledge.

Consume

the full context of your data and explore relationships with greater insights.