DATA AS A STRATEGIC ASSET
TODAY’S SESSION

*Meghan Cook,*
Program Director, CTG University at Albany

*Andrew Nicklin*
Director of Data Practices, Gov Ex

*Todd Harbour*
Chief Data Officer, NYS ITS

*Leigh Tami*
Chief Performance Officer, City of Cincinnati
Governor Mario Cuomo Initiates a Center for Technology in Government

“We will set up a Center for Technology in Government to pursue new ways of applying technologies directly to the practical problems of information management and service delivery in the public sector — focusing on increasing productivity, reducing costs, increasing coordination, and enhancing the quality of government operations and public services.”

—New York State Governor Mario Cuomo, 1993 State of the State Address

THREE PRIORITIES
Knowledge Creation
Information Dissemination
Capacity Building
Back to Basics: Government’s Information Roles

Regulator of information flow in society

Information collector, producer, provider & user
Principles of Information Use Within Government

Stewardship

Usefulness
A Strategic Asset: What Does it Take?

governance
Capabilities
INFRASTRUCTURE
culture
Establishing New York Data Governance

Optimizing New York State Data
Six Hard Questions to Answer

- What data does New York State have?
- Where did it get the data?
- Where is the data now?
- Who is responsible for the data?
- What controls are on the data?
- What is New York doing with the data?
Process
Documented business processes for managing data across the data lifecycle.

Policy
Clearly defined rules for governing NYS data assets.

People
Professional workforce that understands data, its use, and value.

Platform
Technology and standards to automate where appropriate.

Process
Documented business processes for managing data across the data lifecycle.

Typical Data Authorities

**Strategy & Policy**
Develop practical implementation of policy and strategic directives, management of data-related operations and services, and assuring proper security and privacy of data while aligning to state strategic priorities.

**Governance**
Establish stewardship for enterprise and business-unit data, along with policies and standards that are monitored and measured on an ongoing basis.

**Investments**
Authorize initiatives and investments to improve institutional data.

**Data Inventory**
Maintain inventory of all enterprise data determining its format, security, ownership, and quality.

**Security**
Determine and enforce specific security and privacy requirements for each piece of data especially as it relates to privacy laws, industry regulations, and corporate compliance mandates.

Short, J., Nunno, T., & Caldwell, F. (2016). Gartner Defines "Governance" (pp. 1–7).
Gartner. (2017). Information Governance Organizational Structures (pp. 1–4).
Do we have “Good Data?”

- How are the data organized?
- What business process does the data represent?
- What problem are we trying to solve?
- What issue do we want to understand?
- Is this dataset complete? Accurate?
- What do all these fields mean?
- Who inputs this data?
Data Infrastructure
Let’s Talk!