USING DATA ANALYTICS TO IMPROVE GOVERNMENT

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USING DATA ANALYTICS TO IMPROVE GOVERNMENT

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What Is MODA?

The Mayor’s Office of Data Analytics (MODA) is led by NYC’s Chief Analytics Officer, Dr. Amen Ra Mashariki. As part of the Mayor’s Office of Operations, MODA partners with agencies to translate data-driven insight into action.

Mission: Actionable Insight for NYC Government

1. Support more effective delivery of services to New Yorkers for greater equity, safety, and quality of life

2. Grow and advance analytics throughout the City
Analytics In Action

• Measuring Success
• Providing Situational Awareness
• Data Driven Enforcement
Measuring Success

NYC Small Business Services
Time-to-Open Metric

Creates end-to-end measurements to quantify effectiveness of new business processes and informs future policy decisions.

Project Highlights

• Understanding the timeline of opening a business: as measured by NYC

• Cross-agency data from DOB, FDNY, DOHMH, and others

• Quantifying this process opens the door for leveraging advanced statistical methods to inform policy decisions.
Providing Situational Awareness

NYC Small Business Services
Proactive Education

Inform on the ground operations completed by SBS in order to educate small business owners regarding compliance.

Project Highlights

- Using city data to build situational awareness
- Cross-agency data from ECB, DCA, DOHMH, and others
- Allows Small Business Services to proactively target outreach by leveraging NYC violations data
Data Driven Enforcement

NYC Housing Preservation and Development

Tenant Harassment Task Force

Using NYC data to drive the prioritization of Task Force inspections, by identifying trends and relationships from past cases of harassment.

Project Highlights

- Understanding the ‘timeline of harassment’, to paint a picture of harassment as seen by NYC data systems, so these occurrences can be proactively mitigated
- Data aggregated from multiple agencies including NYC DOF, DOB, HPD, 311 complaints as well as the NYS Attorney General
- Determining the driving factors of rent stabilized unit loss

Source: taxbills.nyc

Rent stabilized unit loss from 2013 - 2014
Growing Citywide Analytics

- DataBridge
- Datashare
- Open Data for All
Why DataBridge?

Achieving the City’s goals requires coordination and sharing information across agencies.

• Complex problems are not single agency issues.

• DataBridge integrates agency collected information about people, places and businesses, and enables citywide analysis and coordinated action.

• Greater and deeper use expands City capabilities while increasing efficiencies.
What is DataBridge?

DataBridge is a citywide platform that facilitates data sharing, storage, and use for operations, analytics, and reporting.

DataBridge leverages existing data systems to give analysts, inspectors, program managers, . . . , first responders information and tools to do their jobs most effectively.
Open Data for All

“The promise of Open Data is transparent, free, accessible data. Data is more than just numbers – it’s information that can create new opportunities and level the playing field for New Yorkers. It’s the illumination that changes frameworks, the insight that turns impenetrable issues into solvable problems. It’s the invitation for more voices to join critical conversations.

Open Data is the commitment that all of these benefits are not confined to only a select few who are in the know, or who can pay for information – they are for everyone.

New York City is dedicated to putting this power into the hands of all New Yorkers.”

How are we getting there?

- Increase Availability
- Increase Usability
- Expand Access
- Increase Quality
Analytics and Open Data

Applying the MODA philosophy to Open Data:

- Engage
- Demonstrate Value
- Translate insight into action

High quality Open Data provides opportunity.

Applying analytics to Open Data lowers the barrier for accessing information and encourages action.
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VIRTUAL SUMMIT

ASK US YOUR QUESTIONS

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TODAY’S SCHEDULE – WHAT’S NEXT?

12:00 PM - 12:50 PM ET
Don’t Risk IT: Secure Collaboration Tools for Government

1:00 PM - 1:20 PM ET
Virtual Booth Crawl (Break)

1:30 PM - 2:20 PM ET
The 3 Most Common Pitfalls to Cloud Migration

2:30 PM - 3:20 PM ET
What Does the Future of the Federal Data Center Look Like?

3:30 PM - 4:20 PM ET
Connecting Data Silos Inside and Outside Your Agency

Virtual Booth Crawl
Don’t forget to visit all the booths in the Innovation Center and download resources to qualify for swag. The more active you are the more you’ll get!

4:30 PM ET Career Chat
with Steve Ressler, GovLoop’s Founder and President

Virtual Summit closes at 5:00 PM ET