

DATA Board Meeting

Data Analysis Technology Advisory Board

March 20, 2025



Agenda

1. Welcome & Introductions
2. 2025–2026 State Data Plan – Update on Goals
3. Focus areas for 2025
4. Adjourn

Goal 1

- **Increase Accessibility, Visibility and Transparency of Data Resources:**
 - Expand access to existing tools, software, and training materials.
 - Address barriers that make data difficult to find and use.

Goal 2

- **Improve Metadata and Documentation:**
 - Enhance metadata to improve data discoverability and linkage.
 - Provide better documentation on data collection methods and limitations.

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Open Data Day

Public Open Data Webinar

- CT Data Collaborative hosted a public webinar to celebrate Open Data Week.
- Open Data Coordinator presented to ~40 participants from nonprofits, universities, and the public.
- Recording will be available online.

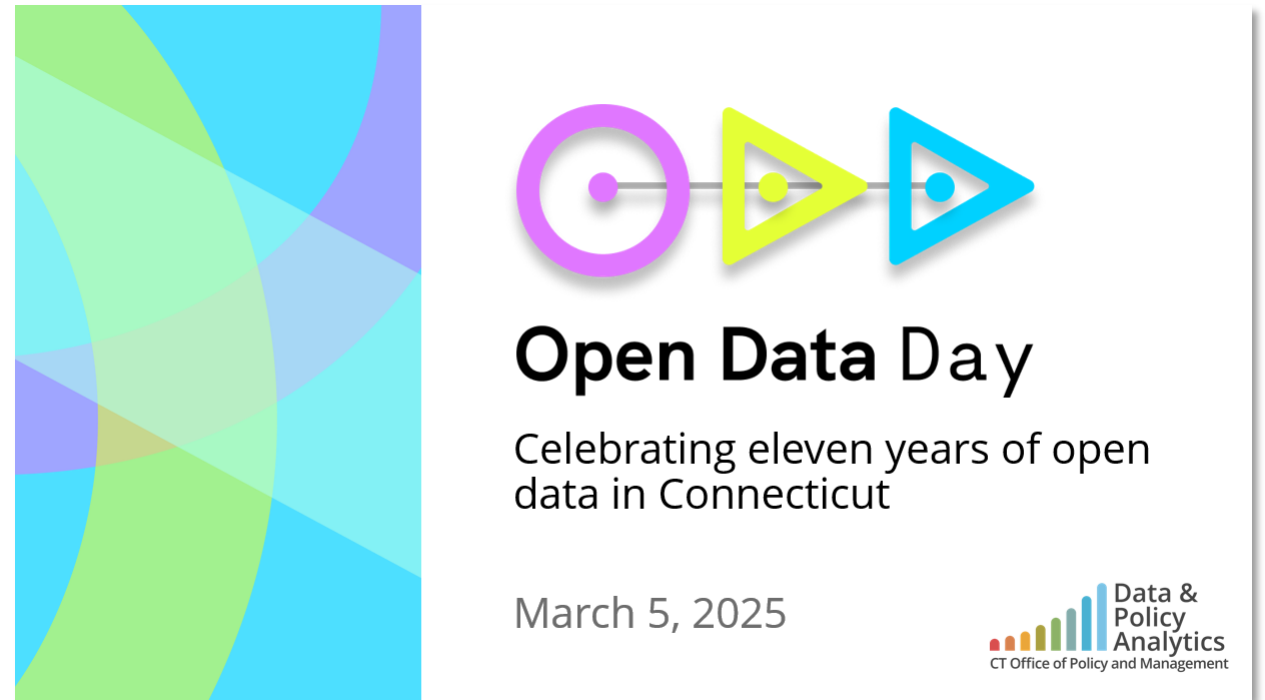
**Celebrate
Open Data Week
with us!**

Introduction to the CT Open Data Portal Webinar



Open Data Day Event for State Agency Staff

- OPM DAPA team hosted an Open Data Day event for state agency staff
- 100+ agency open data users attended
- Presentations covered data privacy and security, data automation processes, AI tools for open data, and examples of open data in action from agencies





Open Data Day gathering of open data users from state agencies. Photo by Joe Danao.

Open Data Day Agenda

Opening remarks

- Scott Gaul, OPM
- Alfredo Herrera, OPM
- Pauline Zaldonis, OPM

Data security, privacy, and open data

- David Marcus, Tyler Technologies
- Bob Barry, BITS

Data automation tools and processes

- David Marcus, Tyler Technologies
- Anil Hulikal, BITS

Lightning talks

- Michelle Parlos, OSC
- Kevin Berger, DECD
- Susan Bigelow, CSL
- Geri-Lynne Gagne, DAS
- Valerie Maignan & Jessica Parmelee, DCP
- Matt Hono, OPM

Open GIS tools & mapping your data

- Carl Zimmerman, OPM

Esri: Open data and AI tools

- Matt Deal, Esri
- Krithica Kantharaj, Esri

Open Data 2024 Year in Review

- Open data updates are summarized in the [2024 Connecticut Open Data Year in Review](#) report.
- Includes new and updated data, site analytics, and examples of open data in the news



Goal 3

- **Identify Training and Resource Needs for Agency Staff:**
 - Conduct a needs assessment to strengthen data literacy, visualization, automation, and analytical skills.
 - Address gaps in onboarding, resources, and professional development.

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Data Capacity- Building Needs Survey

56 Respondents so far

Top Agencies:

1. DEEP(11)
2. CSDE (8)
3. OEC(8)
4. DSS (6)
5. DESPP(6)

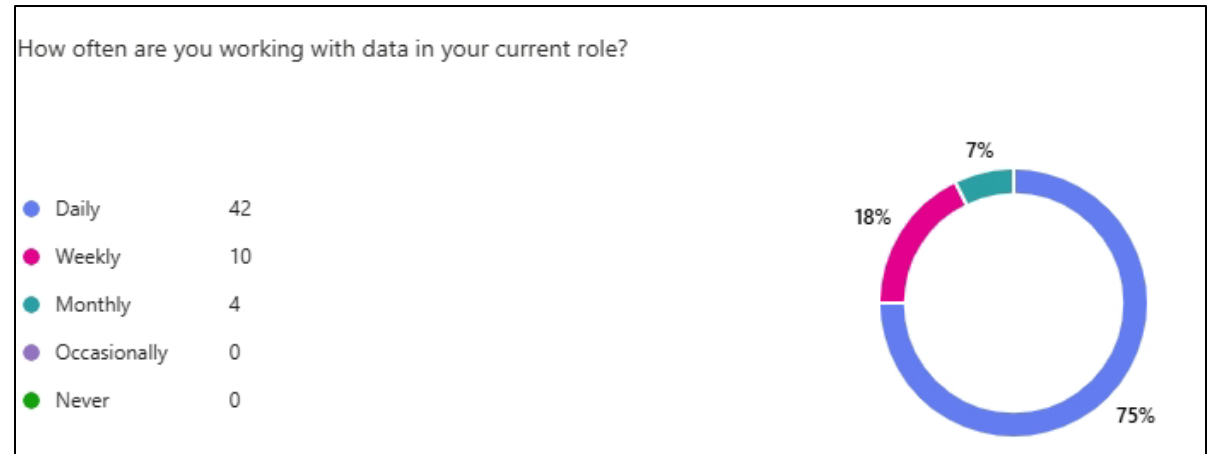
Range of roles and career levels

- Deputy Commissioner
- Chief of Staff
- Education Services Assistant
- Environmental Engineer
- Paralegal Specialist
- Toxicologist
- Economist
- Transportation Planner
- State Police Sergeant
- Data scientist
- Research Analyst

State Service Experience

- Lowest: 2 months
- Highest: 41 years
- Average: 7.8 years

75% use data daily in current role

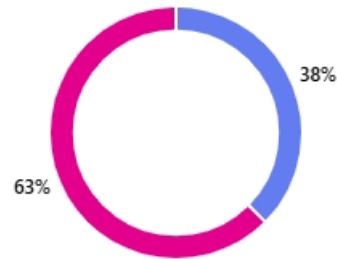


63% haven't had agency training on data

57% have participated in an external data training

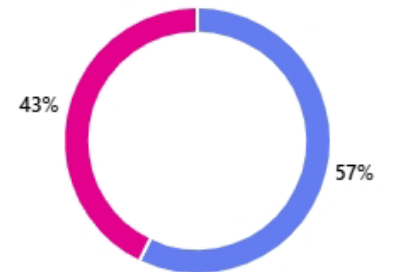
Have you engaged with any internal (agency) data training opportunities?

Yes 18
No 30

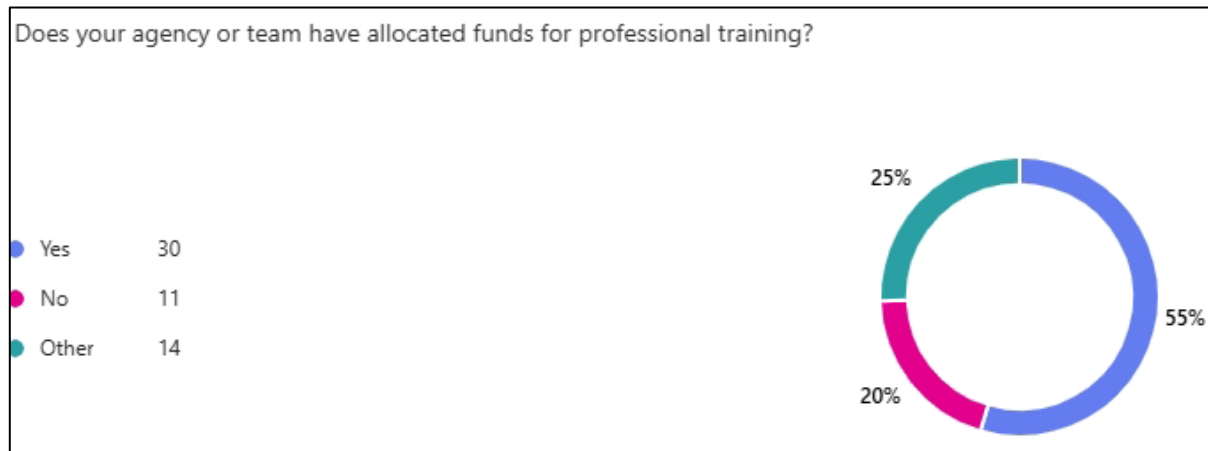


Have you previously participated in an external training related to improving your understanding and use of data?

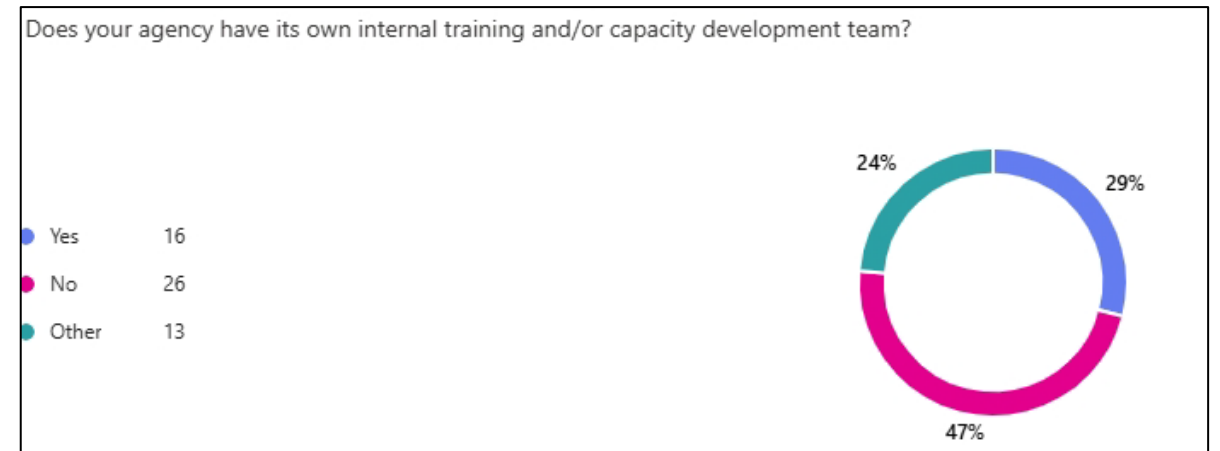
Yes 32
No 24



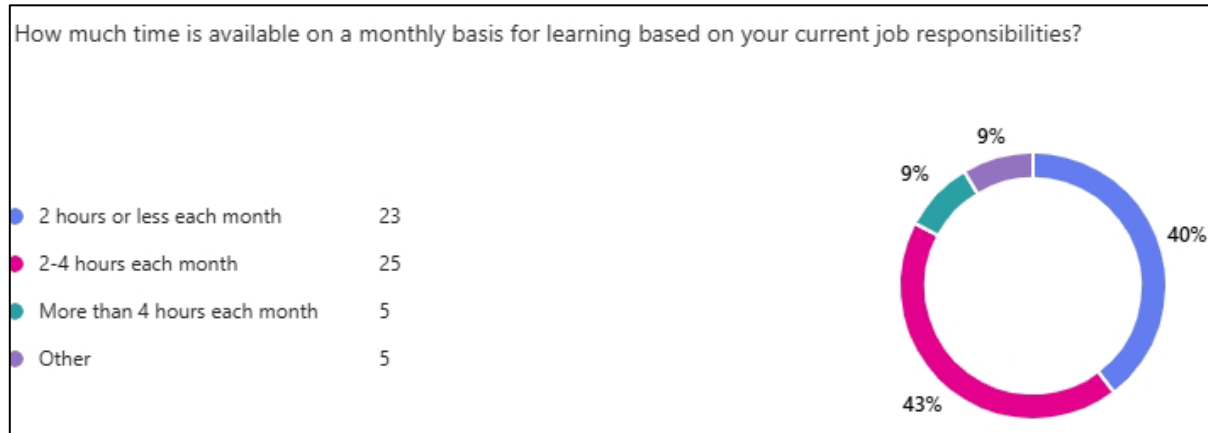
55% say their agency has funding for data training data



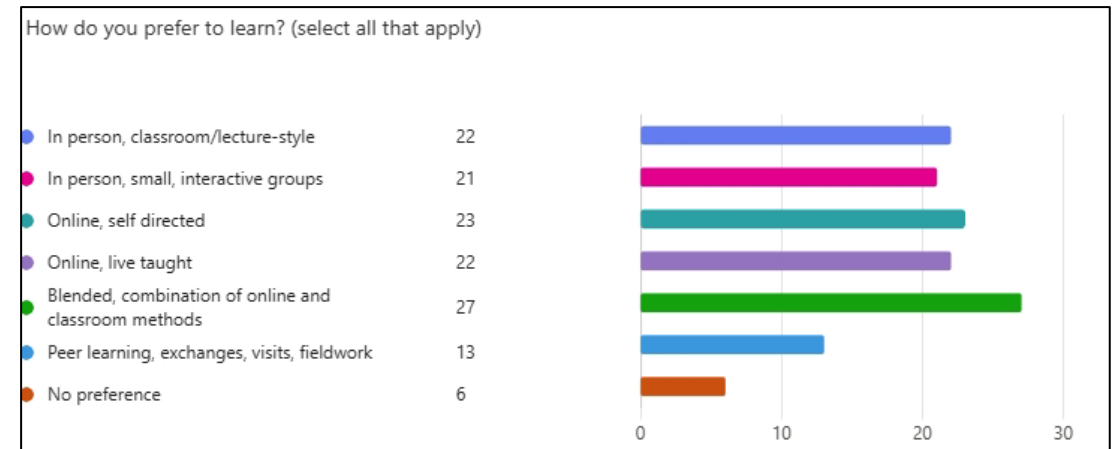
29% say their agency has its own internal data training team



40% say they have less than 2 hours per month for learning



20% prefer a combination of online and in-person learning



What do respondents want to learn?

Top data skills

1. Use of data visualization tools like Tableau
2. Use of analytic tools like R, Python
3. Mapping and Geospatial Analysis
4. Data Storytelling
5. Data Management & Governance

Top strategic data priorities

1. Using data to inform policymaking and management
2. Supporting analysis, research, and evaluation using state data
3. Communicating the value of data you have
4. Building an evidence-based decision-making culture
5. Developing guidelines and standards for data use

What resources do respondents need to support their training goals?

1. Shared training resources among state agencies
 - Are there online or LMS / LinkedIn Learning data training resources that we all could be made aware of and share?
 - Catalog and identify training opportunities in line with our division needs.
2. Time: More work time allowed for us to participate in or complete training
3. Funding
4. More data analytic tools (software)
5. Professional workshops, conferences and/or courses
6. Expert guidance on best sets of skills that could be nurtured within my teams to achieve their goals
7. Staffing
 - Adequate staffing levels - allows staff the time to dedicate to upskilling without impacting current operations
 - We need sufficient staff or contractors to support data analysis, storage for access, and updating of info on a regular cadence.

Other Insights from responders

1. Everyone is busy, so ease of use is paramount. Small, digestible chunks that provide immediately applicable practical knowledge would be most ideal.
2. There should be pre and post-tests to determine success of training. Oftentimes, people attend trainings but are not learning anything or applying those skills.
3. The ability for a training to be tailored to the use cases of state employees increases engagement and enhances capacity building.
4. “Often, I find walls put up by managers to take learning opportunities if they are not required by the State. Finding a way to have managers promote learning would be beneficial.”

Goal 4

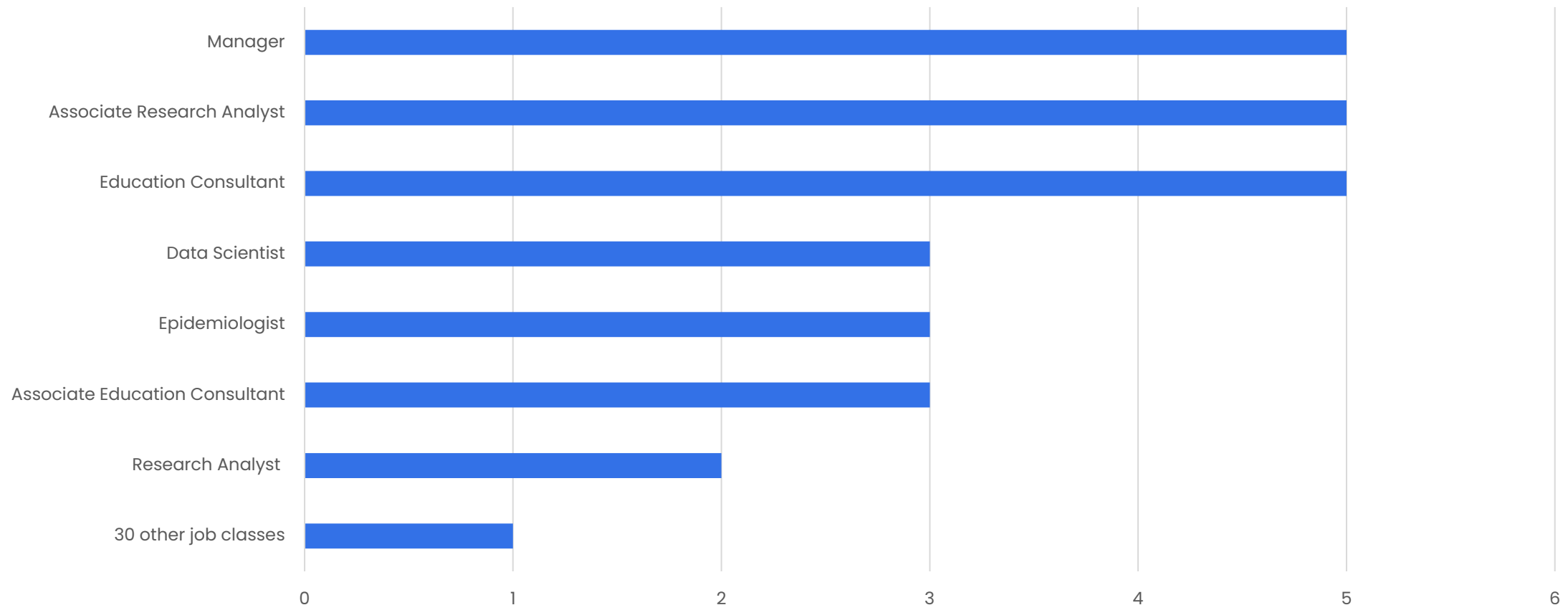
- **Review Job Classifications for Data and Analytics Roles:**
 - Update job specifications to align with current trends and needs.
 - Attract and retain skilled data professionals through modernized roles and competitive compensation.

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Review data and analytics roles

Data and analytics staff in many roles

Job classes for capacity-building survey respondents



Goal 5

- **Develop an Enterprise Data Sharing Approach:**
 - Establish clear guidelines for secure, standardized data sharing across agencies.
 - Build on successful frameworks like P20 WIN to enhance cross-agency collaboration.

Goal 6

- **Support Responsible Use of Artificial Intelligence (AI):**
 - Develop policies for responsible and ethical AI use, focusing on transparency and accountability.
 - Launch training and resources for agencies to explore AI-driven solutions and utilize these tools effectively



Support responsible use of AI

AI updates

1. Governor's proposal (SB 1249) to create data quality and data governance policies related to use of data for AI
2. UConn PSELC training
3. Data quality: policy approved for P20 WIN
4. Governance: Quarterly convenings for ADOs