Using Data Visualization and Reporting to Improve Federal Programs

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Session Description

This session will cover the basics of using data visualization and reporting to improve Federal programs. Attendees will learn the basics of data visualization and how to collaborate with internal data experts based upon best practices from the field and experiences from ongoing work in Atlanta Public Schools. The session is designed to be beneficial to both new and experienced data users.
Session Outline

• Brief introduction to data visualization
• Demonstration of real-world applications for Title programs
• Q&A and group conversation
Goals of Data Visualization

- Present more data than otherwise feasible
- Present data in a way that is actionable
- To support decision making
- Illustrate patterns that are not immediately obvious, identify relationships that are meaningful
- Inspire new questions and further exploration
- Identify trends and outliers
- Compare values, show change over time
Questions to Consider

• Does the visualization contain too much information? Too little?
• Is the data presented in a clear and comprehensible way?
• Does each data element in the visualization add meaning? Does any feature of the visualization distract from the intended focus or meaning?
• Will the visualization support action toward desired program outcomes?
Visualization Demonstration
Q&A and Group Conversation

• What are your visualization interests and needs?
• What challenges do you face?
• What programmatic need will be addressed by utilizing data visualization?
References


Contact Information

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