Data Visualization

Hands-on Training and Resources for Your Classroom

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Visit the following URL to obtain materials used in the webinar and other instructional resources

CLICK HERE
Advancements have been made. Audit and tax have changed.

With technology, there is no way to do work as was done in the past.

Michael Johnson
PwC, National Practice
Webinar Outline

- Hands-on data visualization
- Teaching suggestions
- Classroom resources
- Questions and answers
- Post-webinar help
# U.S. DATA Act Visualization Case

## Government Accountability Office (GAO) - File B: Program Activity & Object Class

### Spending Chart by USSGL

- **GOAL 1-Address Current and Emerging Challenges to the Well-being and Financial Security of the American People**: -19,300,102 (33.11%)
- **GOAL 2-Respond to Changing Security Threats and the Challenges of Global Interdependence**: -12,951,916 (22.22%)
- **GOAL 3-Help Transform the Federal Government to Address National Challenges**: -13,462,049 (23.10%)
- **GOAL 4-Maximize the Value of GAO by Enabling Quality, Timely Service to the Congress, and by Being a Leading Practices Federal Agency**: -1,414,945 (2.43%)
- **GOAL 8-Other Costs in Support of the Congress**: -2,331,007 (4.00%)
- **Reimbursable program activity goal 1**: -3,217,241 (5.52%)
- **Reimbursable program activity goal 2**: -1,615,887 (2.77%)
- **Reimbursable program activity goal 3**: -3,642,767 (6.25%)
- **Reimbursable program activity goal 4**: -188,761 (0.32%)
- **Reimbursable program activity goal 8**: -3,032,037 (5.20%)

### Definitions:
- **Object Classes**: Categories in a classification system that presents obligations by the items or services purchased.
- **Main Account Code**: This is a 4-digit number that is part of a Treasury Account Symbol (TAS) and identifies the TAS type and purpose.
- **Sub Account Code**: Considered "000" in All Instances.
- **By Direct Reimbursable Funding Source**: Direct (D) or Reimbursable (R) Funding Program Activity Name: Major Program Activity Name.
How to introduce Tableau to your students

• All students
  - Online Tableau tutorial (in full)
  - Acme audit case¹
  - Part 2 of the DATA Act case

• More detailed instruction
  - Additional exercises and learning
  - Replicate the Acme audit case
  - Data joins and other topics
  - Part 1 and 2 of the DATA Act Case
  - Tableau Desktop Specialist certification

Feel free to ask me questions anytime!

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