Risk Scoring and Visualization:

Using analytics for targeted samples and helping IA teams “see” data

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- Data / visualization focus
- IA data support
- E-Discovery
Questions for you

- What projects are you working on?
- Has visualization ever been part of project planning?
- Are there public sector people?
Risk Scoring Expenses
Traditional Sampling

Vs.
Risk Based Sampling

1. Risk Score Transactions
2. Review Most Risky Transactions
3. ID Trends
4. Adjust “weight” of risk tests based on trends ID’d
Visualizing Data
Visualization 101

A Pear
What Do We Visualize?

- Mandatory Inspections:
  - Total Inspections: 14,544
  - Suspicious Inspections: 4,423

- Inspector Error Rate:
  - Inspection assigned same level
  - High frequency no repeat
  - End of day submission
  - No overtime
  - No red flags identified

- Repair Level by Inspection

- Inspection Frequency

Pop Quiz

► Where does your eye first go?

► What is the story the dashboard is telling?

► What detracts from the story?
How to learn Data Visualization?

► Tableau Public
► http://www.tableausoftware.com/public

► Practice with your current / former projects

► Start in Excel

► Hit me up!
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