You Can Prove It With Less
Data Science Tasks Using Challenge-Based Acquisition

Ritwik Gupta
Software Developer
SEI Emerging Technology Center
Complicated challenges

- Source: IARPA Functional Map of the World dataset

Simple provisions

- 80% of ideas
- Small team of generalists
- Freedom to operate

Source: "Object Detection Baselines in Overhead Imagery with DIUx xView" - DIUx Medium