### Challenge
- Reporting requires ETL and complex data prep
  - Leveraging many data sources
- Data analysts build non-IT-supported solutions
  - Run on analyst-supported prod servers
  - Custom tools, including custom code
- Analysts burn capacity to support infrastructure
  - Creates technical debt
- Stability of reporting is high-risk
  - Analyst turnover will cause big problems

### Solution
- Users of all skills to collaborate on a single platform:
  - Data professionals, analysts, & data scientists
  - Driving collaboration and standardization
  - Lowering TCO
- Approved process automated on Server
  - High frequency reporting for brokerage
  - Process monitoring and governance
  - Results exposed through Tableau

### Impact
- Low barrier to create new reports and models
- Standardized process:
  - Streamlines employee onboarding
  - Reduces downtime with turnover
  - Reduces technical debt
- Centralized, governed, and portable repository
  - For code and processes
  - Includes searchable metadata
- Data analysts manage easy maintenance
- Management: greater visibility into data and the work

### Problem type: Automation & data integration

### Universal relevance: Up to 80% of a data scientist’s time can be spent on data preparation. Custom-built data pipeline solutions are hard to maintain and creates organizational bottlenecks. Automating ETL and data prep builds a foundation for success and more advanced analytics projects.