From the Asset to the Enterprise.
Scalable and actionable real-time analytics.

Moray Laing, SAS Institute Inc.
1 of the Key areas for DSATS is the Human In the Loop

And this is an example...
Operational Efficiency
- Optimization & Reliability

Data Management
- Quality & Integration

Logistics & Planning
- Supply Chain & Scheduling

Capital Management
- Finance & Risk

Ref: Dr. Alonso Vera - Integration of Human and Machine Intelligence: toward performance in non-deterministic environments 2015 DSATS Symposium
Real-Time Analytics

Sensor Data

Asset

Federated Data Source MDM

Enterprise Modeling

Enterprise Analytics

Security

Context & Intent

Cumulative Wear: 87.3%
Wear on Last Stand: 10.4%
Distance to Target: 192 ft
Distance left on motor: 110 ft
Model the process
Model the problem
Don’t let the technology form the boundaries
Automation must include the humans cognitive ability