

Modern Analytics Drives Your Enterprise.

Partner with MSRCosmos to modernize your capabilities and accelerate growth.

Digital Transformation: Analytics

Performance Management.
Key Performance Indicators.
Predictive and Prescriptive Analytics.

We know these capabilities are core to your enterprise success.

- Are legacy tools limiting your ability to bring these modern approaches to the forefront?
- Have on-going migrations or upgrades stalled, failing to deliver on promises?

We are experts in the tools that enable your digital optimization.

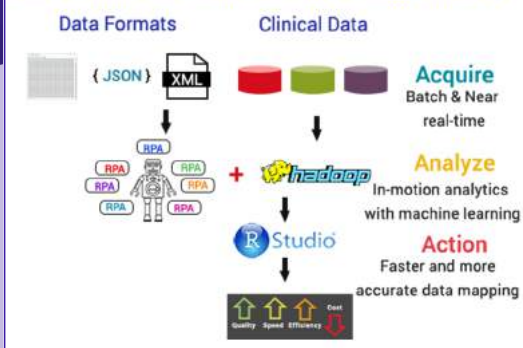


- **Upgrade Struggles?**
MSRCosmos can show how successful migrations happen.
- **Cloud “Lift and Shift” Nightmares?**
Our experience in all major clouds minimizes risk.
- **Modernization Frustrations?**
Allow MSRCosmos to blueprint your success.
- **Limited ROI?**
MSRCosmos delivers clear value.

PROMISE DELIVERED™

- **Performance Management** through effective use of dashboards, alerts, and scorecards
- **Design and manage KPIs** that measure performance against your benchmarks
- **Forecast** revenue, demand, and costs with automated models
- **Improve Profitability** via margin expansion and organic growth projections

Goal: Reduce time and error rate in study start-up



Challenge

- Need fast and accurate data mapping within EDC systems
- High cost resources required to complete effectively
- Knowledge is siloed within therapeutic teams

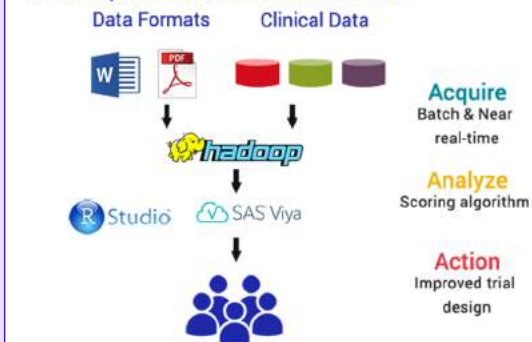
Solution

- Hadoop, RPA, R-Studio
- CNN-LSTM + Bag-of-n-grams approach
- Just-in-time data acquisition and preparation
- In-line machine learning

Outcomes

- Reduced error rate by nearly 90% vs. humans
- Accelerated activity from weeks to days
- Skilled resources allocated to more value-add activities

Goal: Expand access to clinical trials



Challenge

- Clinical trials are often unnecessarily complicated
- Participation can be onerous for those who are far from the sites
- Subject early-term rates are too high

Solution

- Hadoop, R-Studio, and SAS Viya
- Scoring algorithm
- Just-in-time data acquisition and preparation

Outcomes

- Effective trials that reduce patient hardship
- Greater access to patient populations
- Faster trial outcomes