R&D DATA INTEGRATION HUB

Infosys be more

Industry Need

Pharma R&D consumes data from several internal functions and external partners. The opportunity is to integrate this data so that key stakeholders have a complete picture to analyze and consume this information.

Key Solution Attributes

Infosys is helping pharma R&D create a data integration hub leveraging Infosys artificial intelligence (AI) platform, COTS products and services.

- Creating an exploratory environment for data scientists & decision makers to perform hypothesis, testing & execution

- Transcending siloed data between research, development, safety & regulatory systems

- Supporting structured, unstructured, internal & external data from multiple sources

- Best practices in data cataloging, business glossary, data governance, data quality, master data management & data lineage

- Extensible metadata-driven ingestion framework & data storage in Hadoop

- Publish-subscribe model eliminates point-to-point integrations

Outcomes

- Ability to add new data sources

- Single repository for R&D data for operational & strategic analysis

- Easier interface for power users / data scientists

- 01100 10110 11110 Ability to route data through workflows & run algorithms

- KPI-driven reporting framework