

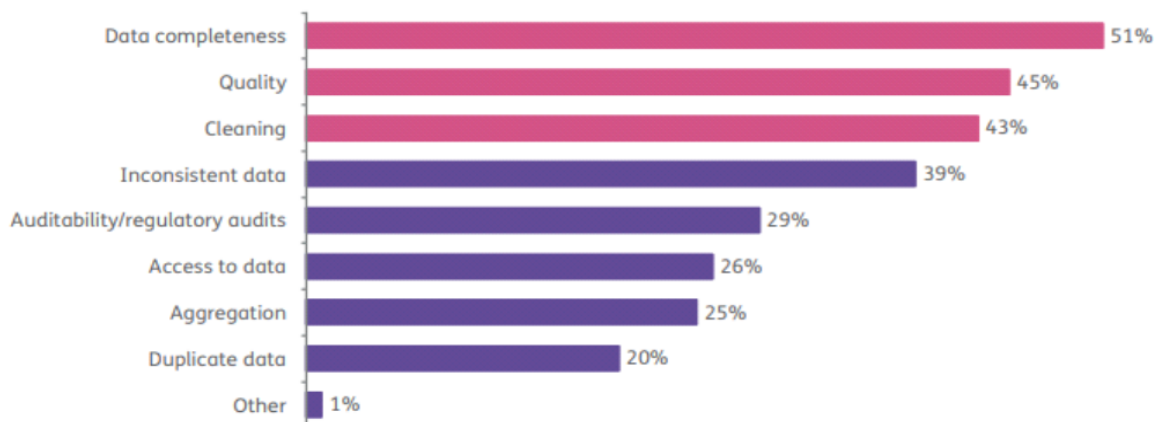
HCLTech – Denodo – AWS | Clinical Trial Onboarding Success Services Package

Objective

Data Challenges in Clinical Trial:

- Managing clinical trial data is manual – for 95% of respondents, manual effort is involved in aggregating, cleaning and transforming clinical trial data and two out of three respondents experience issues with this process.
- Lack of Timely access to Clinical data - Time involved in managing and sharing data across systems can negatively impact trial participants.
- Data governance is the #1 issue for regulatory compliance – 81% of respondents indicated data governance issues as the biggest challenge with clinical trial data in meeting regulatory compliance, and cited several serious and negative risks that can result from inconsistent or incomplete data.
- Non-reporting of trial results on-time with ClinicalTrials.gov

top three operational challenges with clinical trial data



We have leveraged Denodo product deployment in the AWS cloud (public, hybrid, private) to address the above challenges. With this offering, HCLTech can work alongside customer team members to introduce data virtualization and help set up Denodo products using best practices for administration, operations, and development.

By following the Connect, Combine, Consume framework, we would be integrating disparate data sources in real time or near-real time to meet demands for analytics and transactional data.

This would enable faster data preparation from clinical data management system (CDMS) or data warehousing system fulfilling reporting / compliance needs.

Following Data Assets built by HCL using Denodo:

- Virtual Data Model,
- Pre-built data assets (base views, integrated views, associations, web services),
- Data catalog with Tags & Categories,
- Governance Rules (RBAC)

The Success Services program helps customers to minimize surprises and risks by continuously addressing issues and identifying areas for improvement through the following program benefits

Benefits

- Continuous guidance, for solid knowledge about data virtualization and ways to simplify and accelerate its adoption.
- Periodic touchpoints to help you reach success.
- Knowledge transfer, help on risk management, and expertise about data management and data virtualization.
- Unlimited access to Denodo Training courses for a limited number of participants.
- Periodic access to a designated HCLTech-Denodo Success Manager who acts as your technical point of contact and advocate within Denodo-HCLTech
- Access to consulting guidance areas that include architecture, design, and development.
- Access to a capacity assessment for your current and future workload

Audience

Business users, business analysts, business architects, IT managers, Denodo administrators, and Denodo developers.

Packaging and Deliverables

The deliverables of this service are:

Solution/Software	Denodo Enterprise for AWS – 4 cores starting at 200K USD per year <ul style="list-style-type: none">Limited to 5 data sources that can be mapped to max of 50 attributes in target model.Platform setup considered for 1 environment (AWS EC2 instance – 1 Solution Manager, 1 Denodo platform and Data Catalog config)
Training Courses	Unlimited access to Denodo On-Demand Training Courses available for architects, developers, and administrators for up to 5 individuals.
Workload Analysis	1 workload analysis in a year. Workload analysis is based on one-week monitoring logs from 1 production server or cluster which should represent overall system usage, as they summarize the following information: <ul style="list-style-type: none">CPU utilizationMemory usageServer query loadOverall performance
Success Manager	Up to one Deployment Success Meetings per quarter (each one hour long).
Technical Consultant	Two 1-hour meetings per month that will provide expert advice through question-and-answer sessions for guidance in areas like architecture, design, and development.

Duration

1-year term.

This service is available with an annual subscription.

Mode of Delivery

Offsite Consulting Services

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