

Envisioning and pilot deployment: 6-8 weeks discovery

Metadata centric **multi-omics multi-modal self-service** platform

Cognizant® Multiomics Data Platform delivers a modern analytics foundation for AI-driven discovery by enabling harmonized, metadata-rich integration across omics, imaging, preclinical/clinical, and real-world data. It supports self-service analytics, accelerates translational insights, and empowers precision medicine innovation by solving challenges in data fragmentation, scale, and interoperability.

We will start with a 6-8 weeks assessment aligning stakeholders, assessing current capabilities, and defining a future-ready data and AI architecture

- **Stakeholder Alignment:** Engage cross-functional stakeholders to define multimodal research use cases through interviews and pain point analysis.
- **Current State Analysis:** Assess existing data sources and platforms to understand the current landscape.
- **Data Fabric Readiness Assessment:** Evaluate cloud infrastructure, metadata practices, and integration challenges to determine data fabric maturity.
- **Opportunity Identification:** Prioritize use cases by business value and map technical needs to Microsoft Fabric capabilities.
- **Target State Definition:** Define an AI/ML-ready and harmonized data architecture for precision health and life sciences R&D.

