

Use Case – Clinical Development

Clinical Intelligence

Client : Listed (US), mid-tier pharma with EU presence

Challenge Need	Solution Provided	Business Outcome
Holistic understanding of competitive trial landscape. Leverage know-how in hybrid trial designs that maximize patient engagement. Strengthen communication with sponsors, sites and investigators.	The modernization of clinical trials using multiple data sources, including mobile technologies, integrated with the AWS Cloud allowing for the rapid identification of answers to questions.	A solution that utilizes scalable cloud capacity to streamline trial development and optimize the design of early-phase trials through in silico simulations achieving key reduction in total analysis time.

Our Added Value

Our expertise in digital technologies, combined with our deep understanding of the specific challenges and requirements of the pharmaceutical industry, helps us quickly identify limitations and bottlenecks in clinical trials. We tailor solutions and recommendations to meet the exact needs of our clients while allowing room for scalability.

The "Accelerate Thinking" Effect

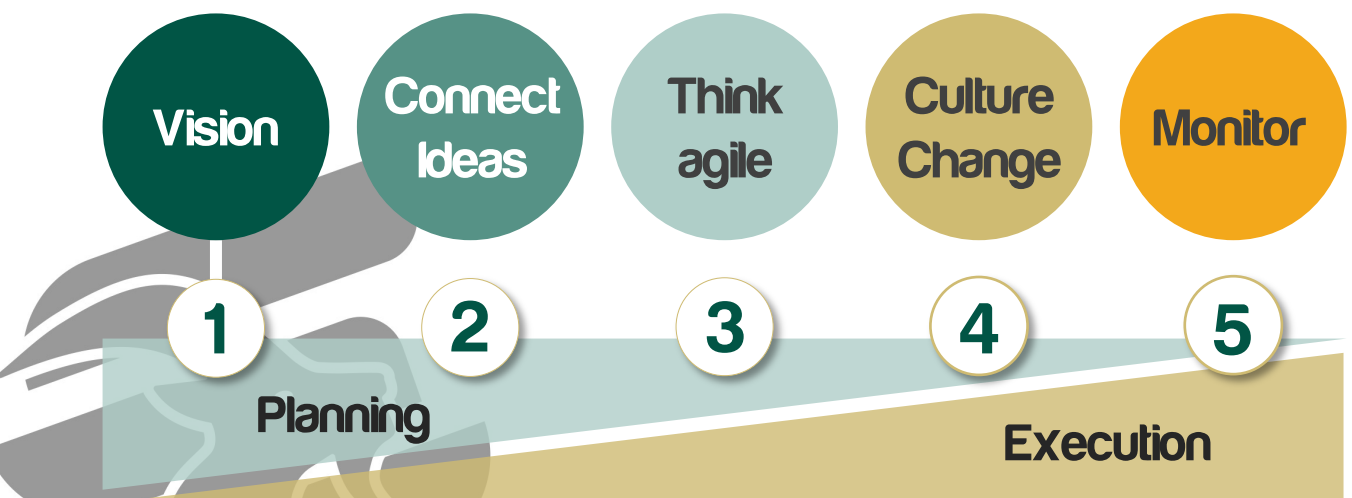
Cost Reduction: By leveraging cloud-based high-performance computing (HPC) resources on the AWS Cloud, we enabled the client to significantly reduce the total analysis time by 90%.

Time Efficiency: Through the utilization of advanced analytics, specifically artificial intelligence and machine learning (AI/ML), we facilitated, expedited and optimized patient recruitment. The Intelligent Trial Planning (ITP) application built on the AWS Cloud enabled study design teams to predict the feasibility of clinical trials and forecast recruitment much quicker.

Scalability and Flexibility: with virtually unlimited HPC resources on-demand for trial simulations, the need for on-site computational power was eliminated, reducing resource constraints and bottlenecks.

Data Security and Collaboration: The AWS Cloud facilitated secure coordination, sharing, and analysis of trial data to ensure that sensitive patient data was protected while enabling efficient collaboration among researchers and stakeholders.

Our Unique Project Methodology



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