

# AI Workshop & Use Case Development Lab

As organizations capture valuable data across all business functions, a central understanding of how to fully leverage that information, operationalize outcomes, and plan where to best make Artificial Intelligence (AI) and machine learning (ML) investments is critical to building a future competitive advantage. Those organizations that take a use case centric approach to adopting an enterprise-grade data strategy and evaluate best data, quality, and technical practices are able to optimize their IT resources, software stack, and personnel investments to lower their development costs and realize long term incremental value.

## Connecting AI technology to business value.

SFL Scientific provides AI & ML custom workshops and use case labs to accelerate AI adoption and improve performance. These sessions are tailored to address business challenges and are often the first step in the development of a comprehensive data strategy and AI roadmap. The goal is to jump-start and deep-dive into use cases—short and long-term business objectives—with the intent to uncover data assets, define metrics, people, execution environments, delivery methods, and engage leaders in the organization to begin to map available or custom AI solutions to deliver increased value to the organization.

## Typical Organizational goals for AI may include:

- Creating new business models, products, and services that use data to predict, measure, and verify specific outcomes or decisions.
- Use predictive monitoring of key processes, assets, or expenditures across business lines (production, supply, R&D, etc.) to optimize investments and capital allocation.
- Utilize machine learning and analytics to study user, client, or patient behavior that informs future solutions or next best action.
- Create tools to enable workforce efficiency and reduce operating costs.
- Integrated and optimized generation, transmission, and distribution of data assets to relevant users & researchers, such as forecasting or planning tools and visualizations.

## Target Audience.

To accelerate AI adoption, organizations will need access to the right data sets, the ability to train algorithms on that data, and as critically, professionals who can execute. Putting in place machine learning models, dynamic data pipelines, develop the workflows, governance, storage, and architecture necessary will require a dedicated team and partners. Sessions are appropriate for executives, innovation and product managers, IT professionals, data scientists, and engineers who are looking to apply or expand AI within their organization.

## Workshop Objectives.

Our workshops are designed to engage technical and non-technical individuals across the business to generate insights and strategies to leverage AI against the organization's strategic priorities. For full-day workshops, SFL Scientific set up remote meetings and conduct joint sessions with the participating teams to execute on the custom objectives identified.

## Topics explored:

- AI use case exploration and prioritization
- Data strategy to support use cases
- Infrastructure/architecture recommendations
- Skills assessment

The end goal of this phase will be to provide a brief report and recommendations including optimal data handling methods, modeling strategy and use cases, ingestion frameworks, or

frameworks for the forecasting/machine learning model(s). This report will then serve as the starting point for future data strategy and data science work and investment for the company.

## SFL SCIENTIFIC OVERVIEW

SFL Scientific is a US-based data science consulting firm providing AI strategy, development, and implementation services. The experience, knowledge, creativity, and teamwork of SFL Scientific's staff and its leaders are the foundation of the firm. Our ability to deliver significant value in these one-day workshops is based on hundreds of AI-based engagements our team has delivered.

As a 100% pure consulting and professional services firm, we are committed to providing and executing on the most practical and proven technical solutions that the data and organization can support. Our goal is to develop solutions that can be productionized that will enable operational and strategic value. We work collaboratively to address the specific requirements at each stage, providing both data strategy, feasibility, time, and outcome assessments to fully inform future business decisions. This commitment to service excellence has been the driver of our strong client growth and our continued relationships with our clients. Our work is recognized by NVIDIA as their Consulting Partner of the Year, specifically for our work developing solutions for the Fortune 500.

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