SFL Scientific

AI/ML Workshops

SFL SCIENTIFIC
AI CONSULTING

SFL Scientific is a data science consulting firm focused on strategy, technology, and solving business & operational challenges with Artificial Intelligence (AI).

Working with clients of all sizes, industries, and AI maturity levels, our capabilities range from developing AI strategy to building custom AI applications at scale. Hundreds of clients—including S&P100 enterprises, fastest-growing startups, and government agencies—trust SFL Scientific to create and accelerate AI initiatives. With a globally connected network of technology and cloud partners, SFL Scientific's core services include leading cross-functional efforts across business, IT, and operations.

SFL SCIENTIFIC

AT A GLANCE

Key Facts

FOUNDED
2015

HEADQUARTERS
Boston, MA, US

WEBSITE
www.sflscientific.com

KEY PARTNERSHIPS
NVIDIA, Microsoft, Cisco, NetApp, Pure Storage, HPE

TEAM
US-based Ph.D. data scientists, AI engineers, technical consultants, & R&D experts.

CLIENTS
Providing strategy and AI services to utility, oil & gas, & other industrial organizations with novel computer vision, NLP, time-series, deep learning, and software solutions.

What sets our strategic & AI services apart?

01

Fully US-Based Technical Team

Multidisciplinary team of PhD data scientists & AI engineers providing services, comprehensive solutions, and governance throughout the organization.

02

Powerful Ecosystem, First Mover

Recognized by NVIDIA, Microsoft, AWS and other major IT & engineering organizations as a consulting partner that integrates diverse solutions—**SFL Scientific is the 2018 & 2019 [current] NVIDIA AI Services Partner of the Year**.

03

Custom Development

We create custom solutions addressing specific business needs to generate operational and R&D outcomes. We understand the full AI lifecycle including data management, DevOps, and AIOps.

04

Strategy & Technology Rights

Trusted advisor and development partner to executives, helping them understand and evaluate essential areas for investment. Client retains all strategy, code, and IP rights.

Trusted by Leading Organizations Worldwide

SFL Scientific & Microsoft Azure

MACHINE LEARNING ON AZURE

Azure is a robust service that covers the development and deployment needs of businesses across the world, Azure Machine Learning is the cloud-based service model that gives Enterprises the ease to integrate **Data Analytics solutions** with **AI capabilities** on the go. The model is self-intuitive and enables one to build AI applications faster and easier. The beauty of this platform is the fact that it can gel with any or all kinds of products and offers the flexibility to deploy feature-rich models at a pace faster than ever. With Azure machine learning, you have access to some of the most advanced machine learning capabilities, including **build, train, and deployment learning models** that can streamline your work system in no time.

SFL Scientific a member of the Microsoft's **AI Inner Circle Program**. Our team of Ph.D.-level Data Scientist are capable of harnessing the power of the Azure platform to develop novel solutions to your enterprise problems. As a **Cloud Platform, Application Development & Data Analytics Competency Partner**, SFL Scientific is uniquely qualified to help organizations address their AI strategy, develop custom algorithms, deploy scalable architecture and manage enterprise grade AI / ML solutions. The SFL Scientific team background in STEM subject and Boston location has afforded us the opportunity to work with many leading healthcare and life science organizations.

Gold

Microsoft Partner

Microsoft

Cloud Platform

Application Development

Data Analytics

AI Workshop: Overview

What can a customer gain from the workshop exercise?

Connecting AI Technology to Business Value

- Comprehensive Data Strategy and AI Roadmap
- Address Business Challenges
- Use Cases Identification
- Short and Long-term Business Objectives

Client Outcomes

Data Assets Review	Defined Success Metrics	Capabilities Assessment
Infrastructure Evaluation	Leadership Education	Solutions Roadmap

Enable organizations to see how AI can deliver increased value to the organization.

Custom AI & ML workshops to accelerate AI adoption and improve performance.

AI Workshop: Goals & Participants

Who should participate and what are the expectations?

Typical Organizational Goals for Artificial Intelligence

- Creating New Business Models, Products, or Services
- Monitoring of Key processes, Assets, or Expenditures
- Study User, Client, or Patient Behavior to Informs Future Solutions
- Increased Workforce Efficiency and Reduction in Operating Costs

Target Audience

Business Unit Leaders	**Operations Analysts**	**Technology Evangelists**
Data Scientists	**IT Leadership**	**Strategy Executives**

Designed to engage technical and non-technical individuals to generate insights and strategies to leverage AI against the organization's strategic priorities.

AI Workshop: Process Overview

How does SFL Scientific organize the workshop process?

Data Science Resource Meeting (1 Hour)

- Meet with Customer Data Science Resources & Business Stakeholders
- Evaluate Current Data Assets & Identify Potential Use Cases

Infrastructure Technology Meeting (1 Hour)

- Meet with the Customer Infrastructure Technology Team
- Evaluate Hardware, Software, and/or Cloud Environments

Workshop Meeting (2 Hours)

- All Relevant Customer Stakeholders in Attendance
- Review Findings on Objectives, Use Cases, and Related AI Topics
- Present Recommendations for Future Projects and AI/ML Approaches

Business Value Conversation (1 Hour)

- Answer Final Questions on Findings & Recommendations
- Scope Services Around Identified Use Cases

AI Workshop: Deliverables

What materials does the client receive?

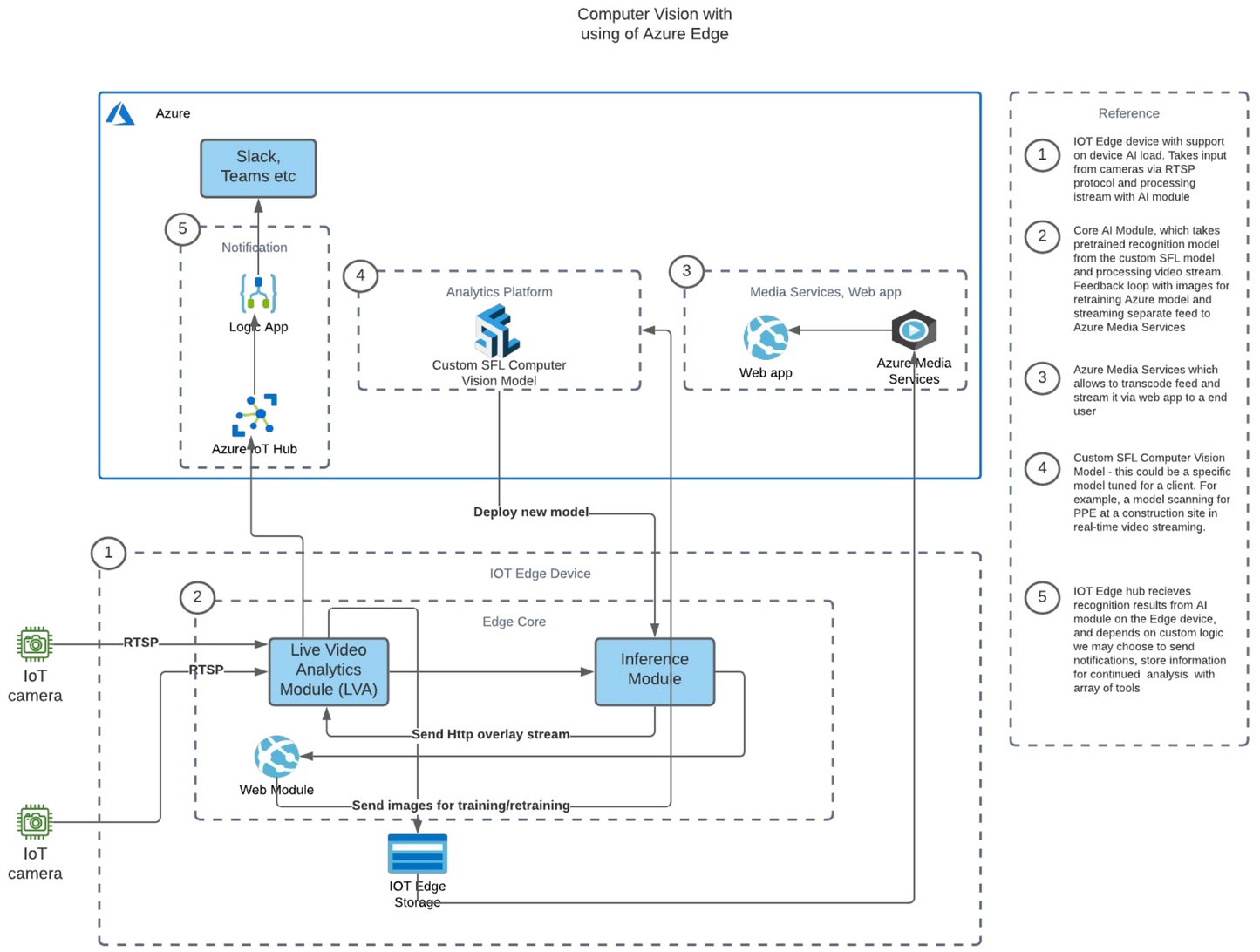
SFL Scientific will Develop the Following Deliverables

- Digital Recordings of Each Meeting
- Organized Minutes from Each Meeting
- Presentation from Workshop Meeting
- Written Summary of Workshop Exercise for Executive Review
- Proposal for First AI-Related Project

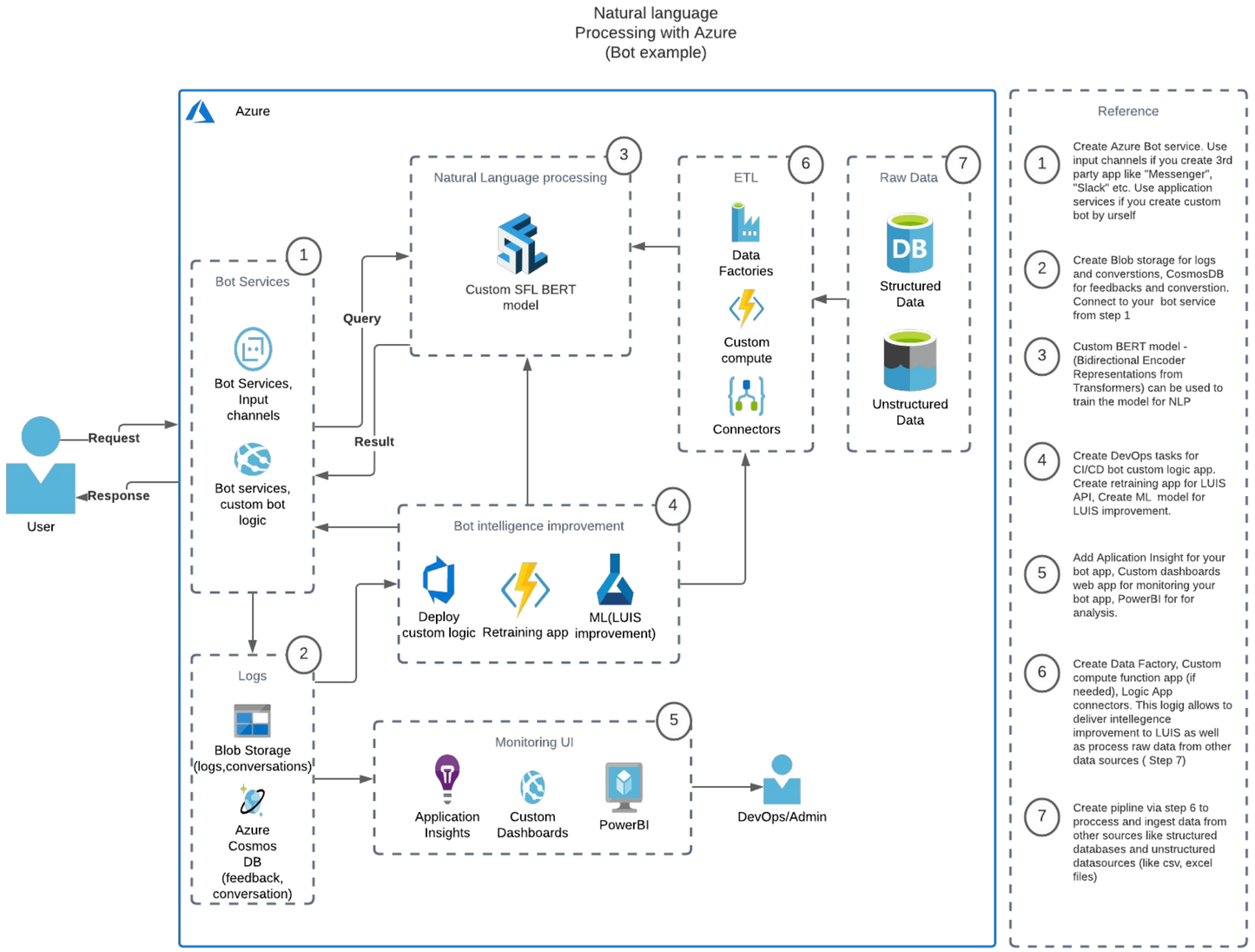
Optimal Client Outcome

The end state of this exercise is for customers to better understand their current capabilities, and infrastructure with a defined roadmap for opportunities to apply AI within their organization. A concrete starting point for data strategy, data science work and opportunities for investment at the company.

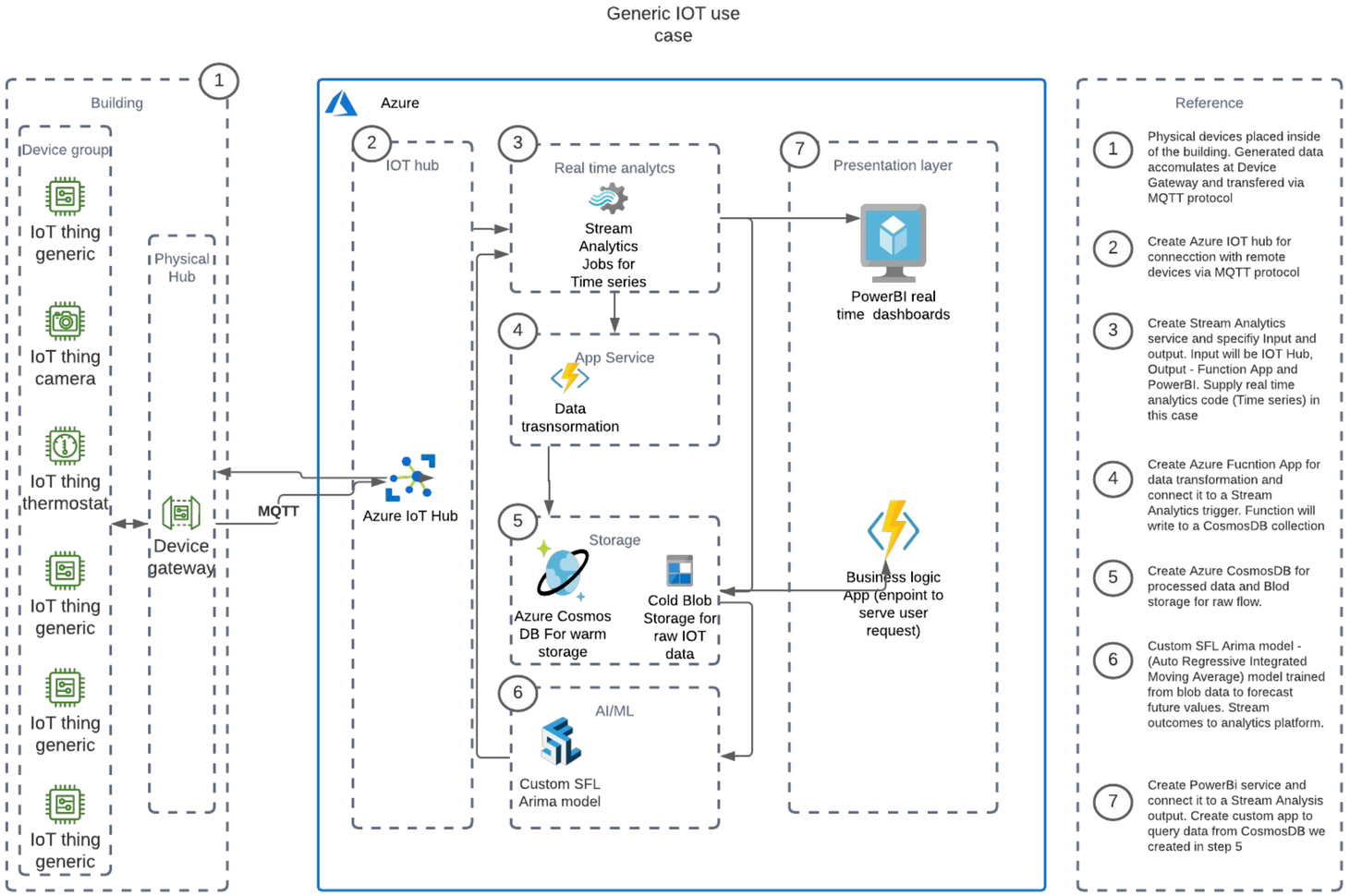
AI Workshop: Architecture (Computer Vision)



AI Workshop: Architecture (Natural Language)



AI Workshop: Architecture (Time Series)



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