



## AI Strategy & Governance

### AI Strategy & Roadmap

Consulting engagement to define AI vision, assess organizational readiness, and create phased implementation roadmap.

- Business Use Case Identification
- AI Maturity Assessment
- ROI & Value Prioritization
- Phased Adoption Roadmap

### AI Architecture & Infrastructure

Blueprint for scalable, secure AI/ML infrastructure on cloud platforms.

- Model Serving Architecture
- Compute Optimization (GPU/TPU)
- Multi-Cloud AI Strategy
- Edge AI Infrastructure

### Responsible AI & Ethics

Policies and guardrails to ensure ethical, fair, and transparent AI systems.

- Bias Detection & Mitigation
- Regulatory Compliance (EU AI Act, etc.)

### AI Governance & Risk Mgmt

Framework to manage AI model lifecycle, risks, and compliance.

- Model Risk Management (MRM)
- AI Audit & Compliance
- Version Control & Lineage

### AI Readiness Assessment

Evaluate organizational capability to adopt and scale AI solutions.

- Technology Stack Evaluation
- Data Readiness Check
- Skills Gap Analysis
- Change Management Planning

## GenAI & Agentic AI

### GenAI Strategy Discovery

Identify and prioritize GenAI opportunities across the enterprise.

- Use Case Ideation Workshops
- Feasibility & Impact Analysis
- Build vs. Buy vs. Partner Strategy
- Pilot Program Design

### Enterprise GenAI Platform

Deploy scalable foundation for GenAI applications.

- LLM Hosting & Serving
- Vector Database Integration
- Security & Access Control

### Custom LLM Development

Fine-tune or train LLMs on domain-specific data.

- Domain Adaptation
- Parameter-Efficient Fine-Tuning (PEFT)
- RLHF

### RAG Solutions

Connect LLMs to internal data for accurate, grounded answers.

- Knowledge Base Integration
- Semantic Search
- Citation & Sourcing

### Agentic AI Workflows

Autonomous agents that plan and execute complex tasks.

- Multi-Agent Orchestration
- Tool Use & API Integration
- Goal-Oriented Planning

### Prompt Engineering

Systematic optimization of prompts for performance and safety.

- Prompt Template Design
- Evaluation Frameworks
- Jailbreak Protection

## Computer Vision & Specialized AI

### Computer Vision Solutions

Automated image analysis for inspection, safety, and retail.

- Object Detection & Classification
- Visual Quality Inspection
- Facial Recognition (Secure)

### Video Analytics

Real-time insights from video streams.

- Event Detection
- Traffic & Crowd Analysis
- Security Surveillance

### Document AI (IDP)

Extract structured data from unstructured documents.

- Intelligent OCR
- Invoice & Form Processing
- Contract Analysis

### NLP & Text Analytics

Derive insights from text data (emails, reviews, support tickets).

- Sentiment Analysis
- Topic Modeling
- Named Entity Recognition (NER)

### Speech AI & Voice Assistants

Voice-enabled interfaces and audio analysis.

- Speech-to-Text (ASR)
- Text-to-Speech (TTS)
- Voice Biometrics

## MLOps & Engineering

### End-to-End ML Pipeline

Automated workflows for data prep, training, and deployment.

- CI/CD for ML
- Reproducible Experiments
- Scalable Training Infrastructure

### Feature Store Implementation

Centralized management of ML features for consistency.

- Feature Engineering Pipelines
- Online/Offline Consistency
- Feature Reuse

### Model Observability

Monitor model performance and health in production.

- Drift Detection (Data/Concept)
- Performance Alerting
- Root Cause Analysis

### Continuous Training (CT)

Automated model refresh pipelines for sustained accuracy.

- Trigger-Based Retraining
- Online Learning Systems
- A/B Testing Framework

### AutoML Pipeline

Low-code/no-code ML for business users.

- Drag-and-Drop Building
- Automated Data Prep
- One-Click Deployment

## Industry-Specific AI Solutions

### AI for Financial Services

Specialized AI/ML solutions for banking, insurance, and fintech.

- Credit Scoring & Underwriting
- Fraud Detection
- Regulatory Compliance (KYC/AML)

### AI for Healthcare

Clinical and operational AI solutions.

- Medical Image Analysis
- Clinical Decision Support
- Patient Risk Stratification

### AI for Retail & E-Commerce

Customer experience and operations optimization.

- Personalized Recommendations
- Dynamic Pricing
- Demand Forecasting

