SRIT delivers mission-critical Artificial Intelligence (AI) and Machine Learning (ML) projects based on Deep-Learning Technologies.

State-wide Project Implemented in a Southern Indian State

SRIT commissioned for state-wide use an Intelligent Transport & Traffic Management System with high-speed enforcement (clearly detects, identifies & reports vehicles and person/s inside the vehicle) up to 340kms speed. Edge-level analytics fully transferred state-wide through industrial-grade 4G router for outdoor implementation, first time in the country, indigenously India-developed. Video-based analytics converted to data and transferred IPV6, IPV4. Designed-Developed & Rolled-out more than 20 intelligent analytics which happens at the edge-device. Our implemented system detects & analyses, on an average, more than 10million motor vehicles every day. More than 20 types of vehicle events are detected such as seatbelt, helmet, accidents, speed, road-blockage, zig-zag violations. All data received centrally, and data analytics done centrally; data capturing & analysing data at edge-level & communicated to control room. The infrastructure is built to conduct data analytics at a centralized place using edge-level analytics.

Other Use Cases to be rolled-out

Customer Analytics:
Build churn models to identify attrition risk and guide interventions.

Marketing Analytics:
Reduce customer acquisition costs by developing an automated campaign analytics platform.

Computer Vision Platform:
Help democratize, standardize, and scale up the consumption of computer-vision-based automation and insights globally for improving operational and sales KPIs.

Supply Chain Analytics:
Dynamic Inventory Order Allocation for a large Retailer.

Machine Learning Platform:
Develop a codeless ML Platform that provides a single end-to-end solution to support data analysts, data scientists and engineers throughout the entire data life cycle.

Call Centre Analytics & Intent Prediction:
Leverage AI/ML models to help understand/measure call intent, call sentiment, and call quality to improve customer service and intent-prediction.

Modern Data Fabric:
Reduce time-money-efforts by modernizing data platform, by creating a virtual knowledge graph that can enable near real time enablement of Fleet, Finance and Procurement data from legacy and cloud data sources to users.

Sustainability Analytics & Insights:
Enable real-time manufacturing performance & automated diagnostics for CPG manufacturers in order to achieve efficiency of water use and reduction in greenhouse gas.

Safety and Compliance:
Develop AI/ML Occupational Health and Safety Risk Prediction for a large manufacturer. Objective is to provide early warning mechanism for preventing injuries.

Process Automation through Text & Image Analytics:
Develop AI-based automated Vendor Invoice Processing for a large Business Process Operations Company by using optical character recognition (OCR). Objective is to reduce process time significantly.