TECH OFFER

Data-Driven Innovation: Automated Data Management Solution Powered by AI

KEY INFORMATION

TECHNOLOGY CATEGORY:
Infocomm - Enterprise & Productivity
Infocomm - Artificial Intelligence
Infocomm - Data Processing

TECHNOLOGY READINESS LEVEL (TRL): **TRL9**
COUNTRY: **CANADA**
ID NUMBER: **TO175161**

OVERVIEW

Businesses generate and store large amounts of data daily, typically from multiple systems and sources. These data are only accessible within respective systems with most stored and not fully utilised to improve business productivity.

The technology is developed to introduce an AI-based solution to help enterprises digitalise, automate their workflow and utilise their available digital data. This empowers businesses to gain actionable data insights in minutes, allowing your organization to make informed, data-driven decisions. This AI technology solution enables companies to harness the benefits of AI without the need for costly and specialised developers or data scientist.

The company is looking for collaborative partners across various industries looking to explore AI solutions for digital data consolidation, workflow automation and full utilisation of internal digital datasets for business optimisation.

TECHNOLOGY FEATURES & SPECIFICATIONS

The technical specifications and features of this SaaS AI solution are as follows:

- Built-in automated machine learning (AutoML) AI algorithm that automatically constructs and generate the suitable AI model based on the available datasets
- Enable real-time data processing, predictitive analytics, and tailored insights to empower organisations to make informed, data-driven decisions quickly and efficiently
- User-friendly design that does not require personnel with AI expertise to use the platform
- Large Language Model (LLM) agent chat for pulling up relevant contextualised information
- Visualisation tools to represent data, such as charts, tables, dashboard and reports
- Autoscaling for future expansion with secure data storage

POTENTIAL APPLICATIONS

The company currently have tested their technology solution across various industries (healthcare, supply chain, life sciences, manufacturing and finance).

This technology solution can be utilised in industries such as:

- Retail and consumer goods
- Insurance
- Energy & utilities
- Agriculture & food production
- Automotive, transport & supply chain

UNIQUE VALUE PROPOSITION

The technology solution provides users with valuable data-backed insights using automated AI Machine Learning (AutoML) models without needing expensive consultants, developers or a team of data scientists. It can consume any data source, deploy an optimised data model in minutes, vectorize with nearest-neighbour algorithms, and then allow the user to build analytics and chat with the data with LLM, AI fine-tuning and AI-specific agents in minutes, all with secure data management, and a high performance, highly scalable trusted cloud offering.