ARTIFICIAL INTELLIGENCE SOLUTIONS

## DATAMATICS TRUAI

Cognitive Neuro Science Platform



Over the globe, **90%** of data is in **unstructured format**. With an **exponential increase** in this data, enterprises find it challenging to harness it for intelligent use. Here technology can be leveraged to provide **sustainable business solutions** and go beyond. This data, which serves as the holy grail, helps enterprises and business institutions in **identifying potential threats** and **opportunities**, even while in the making, amidst **multi-variate environments**. These range from identifying probable **non-performing assets (NPAs), financial frauds, money laundering** to establishing **one-to-one relationship** with the customer by pre-assessing their mindset and requirements.

Datamatics TruAl™ is a comprehensive Artificial Intelligence and Cognitive Sciences platform that enterprises use for Pattern Detection, Text and Data Mining. It helps enterprises extract intelligence from high volumes of structured, unstructured, and multi-structured data from diverse sources. For example: spreadsheets, documents, PDFs, images, video files, audio files, and other data types. TruAl™ aggregates data and correlates seemingly unrelated data points to provide a bigger picture. It provides high performance computing that analyzes on auto-pilot or in operator-assisted mode. It uses multiple data sources, data lakes, and databases to perform contextual analysis and sequence building. Some important uses are intelligence mining, email analytics, document classification, categorization & routing.

## **VALUE PROPOSITION**

Reduce dependency on man power by 20 - 30%

Reduce operational expenditure by 45 - 50%

Increase conversion rate of customer by 30 - 40%

Inculcate the ability to identify patterns and interactions between various entities/brands and key response types over a range of time with ~100% accuracy

Extract semantics and key meaning from a very high number of unstructured and qualitative responses without manual intervention

Achieve consistent quality improvements and turn-around-time at significantly lower costs

Data High-end Aggregation and Technologies, such as Query Platform Natural Language to collect, Processing, Advanced Media Analytics for validate, analyse Text Analytics, conducting high data, and decide **Artificial Intelligence** Advanced Data quality analytics with in near real-time and Machine Learning Analytics, Stream video files methods for fast Analytics, for better information mining accuracy and with high precision as relevancy compared to key-word based or fuzzy searches Intuitive User Alerts and Alarms Interface with from text messages, next-generation reports, documents, Sequence Building web-based etc., to bring out Algorithms for visualization highlights and building new tools lowlights that need sequences before quick attention they occur **KEY FEATURES** Text Classification / Clustering for Self-Evolving seamless grouping of Algorithms for elements and records adapting to new data types similar to biological evolutions Associations and relationships to Document uncover complex Summarisation for patterns, rings, similar extracting the key behaviours or implicit Real-time search and points before further groups while indexing engine for projecting likelihood processing as well as Information Extraction building a seamless archival of events for mining entity, archival-retrieval event, topic models, system key phrases, document scrutiny, etc.

## WHY DATAMATICS?

- >> Own incubation hub and global innovation centre, DataLabs, for developing technology solutions
- >> Expertise in designing, developing, and deploying high quality solutions based on AI and CS platform
- >> Rich experience in providing resources in onsite and offsite models to large and mid-cap companies
- >> Large pool of in-house technical resources, having experience and expertise in varied skills from Consulting to Implementation



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## **ABOUT DATAMATICS**

Datamatics enables enterprises to go Deep in Digital to boost their productivity, customer experience, and competitive advantage. Datamatics' portfolio spans across three pillars of Digital Technologies, Digital Operations, and Digital Experiences. It has established products in Intelligent Document Processing, Robotic Process Automation, AI/ML models, Smart Workflows, Business Intelligence, and Automatic Fare Collection.

Datamatics caters to a diverse global clientele across Banking, Financial Services, Insurance, Healthcare, Manufacturing, International Organizations, and Media & Publishing. The Company has a presence across four continents with significant delivery centers in the USA, India, and the Philippines. To learn more about Datamatics, visit www.datamatics.com

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