IMT Data Sciences

"Data Loquantur" *(let the data speak)*

Today everyone is talking about "Big Data". But large volumes of data are not really new. The volume, velocity and veracity of new data are increasing but the science and math to deal with this data has existed for decades. What IS new and presents opportunities for organizations are advances in Big Data software to allow all organizations to cost effectively analyze, interpret and make predictions from large volumes of complex and unstructured data.

IMT'S DATA SCIENCES CAPABILITIES

Our Data Science team provides technical and consulting services for operational and predictive analytics around "Big Data". We have decades of experience providing services to government organizations, industry, academia, & healthcare agencies. In addition, we have completed numerous collaborations with agencies such as Industry Canada and TRTech. Our expertise includes:

SCIENTIFIC COMPUTING ---- PATTERN RECOGNITION ---- COMPUTATIONAL MODELLING
MACHINE LEARNING ---- MULTIVARIATE STATISTICAL ANALYSIS ---- BIOMEDICAL INFORMATICS

DATA SCIENCE SOLUTIONS IN INTEGRATED JUSTICE

Government and Public Sector Agencies are increasingly realising benefits leveraging opportunities in Big Data that accomplish critical missions and objectives. Managing the growing amount of available information has never been more relevant to how the intelligence community and law enforcement agencies plan for future threats. By leveraging Big Data technologies, law enforcement agencies can extract information from available intelligence resources and use them to identify entities of interest. The opportunities for Government and Public Sector Agencies to leverage this data are many:

Provide deep analytical insights and actionable intelligence to meet mission needs

Explore advanced text analytics that add context & signals from human-generated information sources

UNSTRUCTURED TEXT

PREDICTIVE MODELLING

EXPLORATORY ANALYTICS

Predict / discover risk factors to uncover insights and optimize decision making

Provide timely & relevant information to analysts through intuitive search and discovery mechanisms

Mine unstructured text in real-time to predict threats and establish non-obvious relationships

Link multiple systems to manage risk and measure the effectiveness of programmes in predicting and reducing recidivism

Advanced entity analytics & visualization with comprehensive data analysis, entity extraction, data integration and entity resolution

BIG DATA CERTIFIED WITH IBM

As an IBM Premier Software Business Partner certified in Big Data we have delivered Identity Solutions to some of the most complex challenges for over 20 years. Let us show you how you can accelerate change and drive better outcomes from your "Big Data". Contact us at the addresses below:

Premier
Business
Partner
IBM®

**Authorized
Software Value Plus**
Information Management

IMT.CA