

DATAMATICS

Data Services

Data for Innovation

As enterprises face the onslaught of high-speed, high-volume data; they need to quickly validate and integrate the data for insights and consumption. In order to make sense out of this data conundrum, enterprises need to leverage smarter solutions for real-time processing and enable utilization simpler, scale, and make it self-service.

Datamatics Data practice offers hybrid solutions with an 'Intelligence-First' principle at the core and advocates true 'Data Democracy'. The services and accelerators are highly scalable and facilitate easy storage, linkage, traceability, and retrieval of data across the data lifecycle. We help enterprises leverage 'Data for Innovation' to drive real-time business decision making, operational, enhance customer interactions, drive process efficiencies, drive sustained business growth and keep innovating at scale.

KEY DATA SERVICE OFFERINGS

DATA GOVERNANCE

- Data Governance Strategy Development
- Data Quality Management
- Data Privacy and Compliance
- Data Security Management
- Metadata Management
- Master Data Management
- Data Utilization and Monetization
- Data Stewardship

DATA ENGINEERING

- Data Storage and Management
- Data Integration and ETL
- Data Modeling and Architecture
- Data Analysis and Insights
- Cloud Data Management and Modernization
- Data Virtualization, Synchronization and Replication

DATA MIGRATION

- Application, Database, or Workloads Migration
- On-premise to Cloud Migration or Data Centre Migration
- Cloud-to-Cloud Migration
- Private Cloud to Public Cloud Migration or Hybrid Cloud Migration

BI & ADVANCED DATA ANALYTICS

- Report Development, Modernization, and Migration
- Descriptive, Diagnostic, Predictive, Prescriptive, Cognitive Analytics
- Big Data Analytics
- AI enabled Analytics

DATA ACCELERATORS & FRAMEWORKS



Automated Meta Data Extraction Frameworks:

Extract metadata of the reports (including, connection parameters, tables & views used, & Queries) and universes from SAP BO platform.



Reusable ETL Framework:

Framework that ingests data from files/databases & takes care of incremental, full & delta loads



Data Validation Accelerator:

Customizable utility to connect to different data sources and performs basic validations.

TECHNOLOGY EXPERTISE

Data Sources

- Structured Data
- IoT
- Sensors/Po
- Social Media
- Machine Logs
- RSS feeds

Data Ingestion

- Apache Flume
- Informatica
- Talend
- Apache Kafka
- Amazon Kinesis
- Azure Data Factory
- AWS Glue

Data Lake

- My SQL
- PostgreSQL
- Hadoop
- MongoDB
- Amazon S3
- Azure Data Lake (ADLS 2)

Data Preparation

- Apache Spark
- Pentaho
- MS SSIS
- Informatica
- Azure Data Factory
- Talend
- Datastage
- AWS Glue

Data Warehouse

- Teradata
- Netezza
- Hive
- Amazon Redshift
- Snowflake
- MS SQL Server
- Azure Synapse

Analytics Engine and Platform

- SSPS
- R
- Python
- MS Fabric
- Databric

Data Visualization

- COGNOS
- Kibana
- Tableau
- Qlikview
- PowerBI
- SAP BO
- TruBI

Data Governance

- Unity Catalog
- Collibra
- Azure Purview

SUCCESS STORIES

- **A leading bank** successfully migrated 400,000 accounts, encompassing 100 TB of data, using an efficient data integration solution that integrates data from multiple sources.
- **A leading rating agency** achieved 100% visibility on data lineage for key data entities and documented processes using Collibra, reducing efforts by 50%.
- **A leading cloud-based human capital technology and services company** achieved 100% fault-tolerance for all IICS task flows, 95% parameterization for in/out parameters in IICS mappings, and 100% targets for data ingestion and OLAP layer entities with Data Lake implementation.
- **A leading passive telecom infrastructure provider** improved data processing speed by 50 times and reduced errors caused by manual intervention by 80% with Enterprise Data Warehousing.
- **Migration of 700+ on premise SSIS data ingestion and transformation packages SSIS to Fabric for a multinational call centre & BPO services provider** creating a unified data platform, better operational efficiency, lowering costs and enabling faster insights.
- **AWS S3 Data Lake implementation and data migration for a leading provider of inventory, advertising technology and data solutions** leading to real-time data available to build season, demographic and location based viewership models, reduction in infrastructure maintenance cost, quick turn-around time for data analysis for viewer cohorts.
- **Data Governance and Compliance for a renowned UK Based Healthcare Insurer** facilitating them to meet regulatory compliance by archiving data well before deadline. Business data was identified with Oracle PL/SQL, while Informatica rules automated the archival process. A .NET utility ensured seamless document archival, and all packages were deployed into a scheduler for simplified execution and monitoring.
- **A leading Middle Eastern Bank transformed their reporting platform by migrating to Power BI** equipping teams with dashboards and interactive analytics. This leading to 20% reduction in report clutter, improving manageability, 15% drop in IT service requests for new reports due to self-service enablement & aligning with regional data regulations.



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

FOLLOW US ON



© Copyright 2024 Datamatics Global Services Limited and its subsidiaries (hereinafter jointly referred as Datamatics). All rights reserved. Datamatics is a registered trademark of Datamatics Global Services Limited in several countries all over the world. Contents in this document are proprietary to Datamatics. No part of this document should be reproduced, published, transmitted or distributed in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, nor should be disclosed to third parties without prior written approval from the marketing team at Datamatics.

website: datamatics.com | email: business@datamatics.com

USA | UK | UAE | India | Philippines