Unlock the Value of
Big Data

Data Engineering Services

Data Engineering at IGT

In today's business and technology world "Data" is indispensable. With the emergence of digital transformation, the companies are growing at a rapid pace and producing abundant data every day.

To embrace the potential offered by this enormous data, the demand for Big Data is on a rise. But for brands to transform the data into actionable insights through Data Science and Artificial Intelligence (AI), Data Engineering is the foundation for all such initiatives.

IGT Solutions (IGT) is the trusted partner globally for building the Data Engineering groundwork. The Data Engineering Centre of Excellence (CoE) is helping data scientists worldwide to unlock the value of Big Data by executing Data Engineering tasks and allow them to focus on their core expertise of data analytics using Machine Learning (ML) and AI Solutions.

1Mn+
Man-hours Experience

100+
TB Data Managed

50+
Data Engineering Projects Executed

100+
Data Engineering Professionals

10+
Consulting Data Engineering Engagement

Data Engineering Services at IGT

From Data Discovery to Data Ingestion and Transformation

IGT Data Engineering CoE provides end-to-end Data Engineering services. It leverages its in-depth knowledge across the industries to identify and extract relevant data, design logical data models, and on-board data faster using established ingestion frameworks.

Our Services Include

Data Discovery	Data Model	Data Ingestion and Transformation (ETL)
• Source System Study • Data Source Finalization • Data Format Finalization • Data Profiling & Sampling • Data Mapping • Business Rule Formulation • Data Model – Data Gap Analysis • Data Sizing	• Conceptual Data Model design • Logical Data Model design • Physical data model design • Data Model changes • Common Data Model • Tenant Specific Data Model • Partitions, Indexes, Views • Transaction Grain and Summarized Table Design	• Data Mapping Execution • Environment Setup and configuration • Building of Data Pipelines • Data Flow Orchestration • Data Loading strategy • Real Time Integration • Scheduled Integration • Pipeline Monitoring and Error Handling

Tools

Why IGT Solutions?

- Committed to simplify complex customer interactions while delivering a seamless experience, IGT provides integrated BPM, Technology and Digital Services & Solutions for clients across industries for over 20 years.

- Managing highly differentiated customer experience for 75+ marquee brands globally.

- Employs more than 13,500 customer experience and technology specialists in 5 continents, has 19 state-of-the-art delivery centers, and worldwide operational presence.

IGT
SOLUTIONS

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