

Unlock the Value of Big Data

Data Engineering Services





Introduction

Data Engineering at IGT

In today's business and technology world "Data" is indispensable. With the emergence of digital transformation, the Travel and Hospitality industry is growing at a rapid pace and is fundamentally a data-rich industry.

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 deep travel and hospitality domain knowledge to identify and extract relevant data, design logical data models, and onboard data faster using established ingestion frameworks.

Our Services Include

Data Discovery	Data Model	Data Ingestion and Transformation (ETL)
<ul style="list-style-type: none">• Source System Study• Data Source Finalization• Data Format Finalization• Data Profiling & Sampling• Data Mapping• Business Rule Formulation• Data Model – Data Gap Analysis• Data Sizing	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• 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?

- IGT Solutions is a leading IT, BPM and Digital solutions and services provider committed to deliver innovation and business excellence across the entire spectrum of Travel, Transportation and Hospitality domain.
- Managing highly differentiated customer experience for leading 75+ travel brands.
- Over 20 years of travel domain-led solution development experience, enabling end-to-end solution delivery.
- IGT employs more than 11,500 travel professionals in 5 continent, has 16 state-of-the-art delivery centers, and worldwide operational presence.



IGT Solutions Pvt. Ltd.

Corporate Office:
Echelon Building, Plot No-49, Sector-32,
Gurgaon-122001, Haryana, India

mktg@igtsolutions.com
www.igtsolutions.com