Tata Consultancy Services
Manufacturing Analytics - mBIDS

IBM

Solution Description

The SCOR compliant Manufacturing Analytics- mBIDS framework is a BI solution for discrete manufacturers. The framework consists of an enterprise-wide Logical Data Model (LDM) and pre-built analytical reports and templates.

The LDM, which is process oriented, facilitates the capture of data required for supply chain analysis, along with critical functions like sales, marketing, and finance. The model leverages the SCOR-based KPIs captured in the analytical templates to achieve value measurement across the process.

Features & Benefits

Key mBIDS benefits include:

- Comprehensive industry frameworks – LDM covers all the key analytical domains, reduces risk by ensuring the depth and consistency of information in each subject area, highlights the gaps in source data by uncovering the missing data elements and indicating the limitation of source data, incorporates best practices through data and analytic structures to guide the BI initiative.

- Time and cost savings – Pre-built data model with data dictionary, entity relationships, and access methods, standardized report and dashboard templates, support for the proven BIDS implementation methodology.

- Flexibility – Easily customized to suit the organization's requirements, modular structure optimized for incremental implementation.

- Scalability to support growth – Correct relationship modeling technique enables support for the large volumes of granular data, as well for better query performance, modular structure supports future growth.

Value Proposition

The mBIDS framework business intelligence solutions provide proven services to help leverage organizational data and listen to customers better, and adapt faster to changing market conditions. The LDM subject areas cover manufacturing functions like procurement, inventory, production, quality control and maintenance, sales, distribution, and after sales service.

Company Description

At TCS, it means achieving real business results that allow you to transform, and not just maintain, your operations. Our IT services, business solutions, and outsourcing bring you a level of certainty that no other competitor can match. You'll experience requirements that are met on-time, within budget, and with high quality; greater efficiency and responsiveness to your business; and the ability to shift investment to strategic initiatives rather than tactical functions.

IBM Segment
- Cognos

Business Function
- Manufacturing Analytics

Target Industry
- Aerospace and Defense
- Automotive
- Electronics
- Industrial Products

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