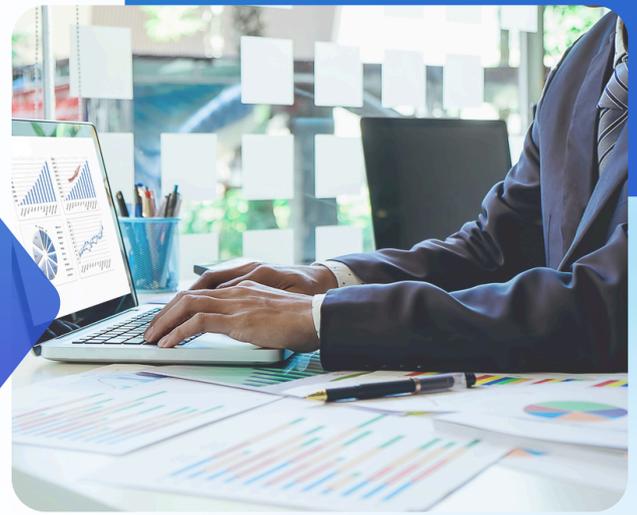


# BI for D365

## Unified Data Management and Advanced Analytics for Microsoft Dynamics 365

In today's data-driven world, accuracy and agility are key to business success. DynaTech's BI for D365 Accelerator integrates **Master Data Management (MDM)**, **Data Quality Validation**, and **Power BI-based Reporting** into one unified solution — built on **Microsoft Fabric** and **Dynamics 365**.



### > DATA QUALITY DASHBOARDS & RULE INTELLIGENCE

**Feature:** Interactive scorecards display data quality % by source (D365, SAP, NetSuite) with pass/fail counts, validated tables, and columns. Includes 39+ built-in rules (null checks, regex, decreasing sequences) and AI-assisted recommendations for rule logic and pattern generation.

**Benefit:** Quickly identify where data issues arise, apply precise validations, and improve overall data reliability.

### > SMART TABLE ONBOARDING & FABRIC INTEGRATION

**Feature:** Automatically classify tables as Master or Transactional, suggest readable names/descriptions, and link datasets to Fabric Lakehouse layers (Bronze/Silver).

**Benefit:** Streamline onboarding and maintain transparency across all source systems for governed, pipeline-ready data flows.

### > APPROVAL WORKFLOWS & GOVERNANCE CONTROLS

**Feature:** Centralized approval flow for new tables, rule updates, and validations with manager oversight.

**Benefit:** Enforce enterprise data governance, ensuring accountability, version control, and compliance across every change.

### > SMART DATA CLEANING

**Feature:** AI suggests validations based on column metadata, human-in-the-loop (user) chooses validations to process and the data is then automatically cleaned through a pipeline.

**Benefit:** Ensure high-quality, reliable data by combining AI-driven validation with human oversight for accurate and automated data cleaning.

### > ADDRESS VALIDATION & STANDARDIZATION

**Feature:** API-based enrichment corrects and standardizes city, state, country codes, and ZIP+4, removing duplicates through user-approved merges.

**Benefit:** Ensure accurate, consistent address data across CRM, ERP, and BI environments for precise reporting and outreach.

### > MATCH & MERGE

**Feature:** Detect and consolidate duplicate or inconsistent records across tables. Users can review potential matches and confirm corrections, while 100% matches are merged automatically.

**Benefit:** Eliminate redundancy, maintain golden records, and ensure that analytics rely on the most accurate and unified data sets.

### > UNIFIED COMMON DATA MODEL (CDM) BUILDER

**Feature:** Merge and map disparate source tables (SAP, D365 F&O/CRM, NetSuite) into unified Vendor and Customer Master entities with column-level mapping

**Benefit:** Create a single, standardized source of truth for cross-system analytics and reporting.





> **AUDIT LOGGING & EXECUTIVE DASHBOARDS**

**Feature:** Track all validation runs with unique IDs, timestamps, and drill-downs, then visualize data quality performance through dashboards.

**Benefit:** Enable complete traceability and continuous monitoring of enterprise data health.

> **INVENTORY & SALES PERFORMANCE INSIGHTS**

**Feature:** Real-time stock analysis by brand/category and warehouse, ITO trends, demand forecasts, and sales KPIs for revenue, quantity, and growth by product or region.

**Benefit:** Improve demand forecasting, reduce excess stock, and boost profitability with precise sales and inventory visibility.

> **MODULAR POWER BI WORKSPACES**

**Feature:** Prebuilt analytics modules across Sales, Purchase, Production & Quality, Finance, Inventory, and Marketing – each with curated KPIs and dashboards.

**Benefit:** Enable rapid deployment with ready-to-use, role-specific analytics for every business function.

> **FINANCE & PROFITABILITY DASHBOARDS**

**Feature:** AR/AP aging analysis with DSO/DPO metrics, vendor/customer leaderboards, and GL dashboards covering revenue, margins, and expenses. Includes transaction-level drilldowns and flexible date filters.

**Benefit:** Strengthen cash flow, reduce overdue payments, and align financial outcomes with operational actions.

> **PRODUCTION, QUALITY & BOM ANALYTICS**

**Feature:** Monitor FTQ, accepted/rejected ratios, scrap and warranty claims, and BOM variant KPIs (acceptance %, CV ratio).

**Benefit:** Detect quality issues early, reduce rework, and optimize material efficiency in production operations.

> **MARKETING & CAMPAIGN ANALYTICS**

**Feature:** Unified LinkedIn and Facebook analytics for engagement rate, CTR, impressions, post/reel performance, and ad ROI.

**Benefit:** Identify winning campaigns, optimize spending, and enhance digital engagement through data-backed insights.

> **FABRIC INTEGRATION, SELF-SERVICE & ROW-LEVEL SECURITY**

**Feature:** End-to-end Fabric data flow (Bronze → Silver) with reusable entities, unified filter panels (company, period, category, vendor, etc.), secure Excel/CSV exports, and **Row-Level Security (RLS)** that restricts data visibility based on user roles.

**Benefit:** Empower users with governed, self-service analytics while safeguarding sensitive information and ensuring compliance with organizational data policies.

**Contact DynaTech Today!**

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**Our Impact in Numbers**

**450+**  
In-house  
Masterminds

**100+**  
Clients  
Worldwide

**150+**  
Dynamics 365  
Projects

**98%**  
Client Retention  
Rate