



METADATA-DRIVEN DESIGN STUDIO

ANALYTICS CREATOR AT A GLANCE

AnalyticsCreator is a leading Data Warehouse Automation technology that accelerates, standardizes, and simplifies the development of modern data analytics platforms — including data warehouses, lakehouses, and dimensional frontends.

Model First – Then Generate

The core concept of AnalyticsCreator is to **decouple business and data logic from code and technology**. From the captured metadata, the platform automatically generates all required artifacts for any target environment.

AnalyticsCreator supports both **cloud and on-premises** deployments, enabling organizations to modernize their data platforms using proven best practices.

AnalyticsCreator is not a Microsoft plug-in - it automates the very code developers would otherwise have to write manually

STEP 1: METADATA EXTRACTION AND DATA CATALOGING

AnalyticsCreator automatically extracts metadata from source systems such as **SAP**, **Microsoft Dynamics NAV (Navision)**, **CRM systems**, and even **flat files** (CSV, Excel, Parquet). This metadata is structured and stored in a central **Data Catalog**, which forms the foundation for the entire data platform. The Data Catalog acts as the **single source of truth** for design, development, and operations — containing all essential metadata and data structure definitions.

STEP 2: AUTOMATED DATA MODELING/ DWH DRAFTING

Using integrated wizards and assistants, AnalyticsCreator generates a first draft of your data warehouse directly from the metadata catalog.

This includes multiple architectural layers such as:

- **Ingest Layer** – for data loading
- **Cleansing Layer** – for data quality and cleanup
- **Aggregation Layer** – for performance optimization
- **Core Layer** – supporting architectures like Kimball or Data Vault
- **Dimensional Layer** – for analytical modeling and data consumption (Kimball)

The system automatically creates a visual model of your data platform that can be adjusted as needed.

Once you modify the model, AnalyticsCreator instantly generates the corresponding executable code — deployable on Microsoft SQL Server, Azure, or Microsoft Fabric, without any external dependencies.

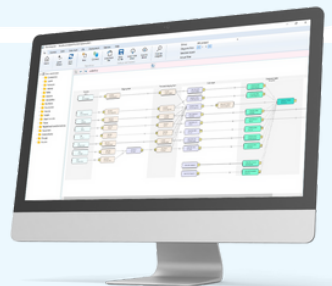
STEP 3: DEPLOYMENT AND CODE GENERATION

After modeling, AnalyticsCreator creates a comprehensive deployment package, including:

- All database structures
- ETL pipelines
- Executable code

This package is ready for execution in your Microsoft environment.

Additionally, semantic layers for **Power BI**, **Qlik**, or **Tableau** are automatically generated, providing a seamless end-to-end integration - from the source system to the analytics frontend.





THE CORE PRINCIPLE: METADATA-DRIVEN DEVELOPMENT

At its heart, AnalyticsCreator features a **powerful metadata repository** that stores all business and data models — either defined manually (based on templates) or through guided wizards.

The models are **technology-agnostic**, allowing deployment to multiple target platforms such as Microsoft SQL Server, Azure SQL Managed Instance, Azure VM SQL, Microsoft Fabric SQL, Amazon RDS for SQL Server, Google Cloud SQL for SQL Server.

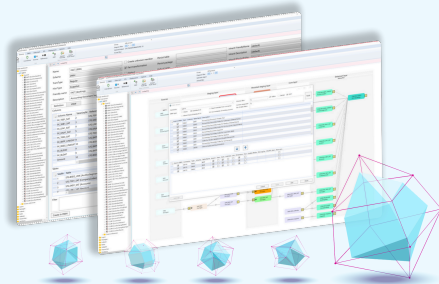
This abstraction ensures that your development remains **independent of any specific technology**.

When Microsoft or another provider introduces a new generation of analytics environments, AnalyticsCreator can **regenerate all required code** - without any manual rewrites.



STRATEGIC ADVANTAGES:

- **Future-Proof and Investment-Safe:** Business and data models remain usable across technology generations — ensuring long-term stability and scalability.
- **Fast Onboarding & Knowledge Retention:** All business logic and models are maintained in a visual, metadata-driven knowledge base directly linked to code. Any business model change automatically updates the generated code, eliminating lengthy manual adjustments and debugging.
- **Compliance & Governance by Design:** Every process is fully documented and traceable, including continuous change management.
- **Significantly Lower Total Cost of Ownership (TCO):** Automation, consistency, and reduced maintenance dramatically lower long-term costs.
- ...and much more.



ANALYTICS CREATOR PROVIDES THE SINGLE POINT OF TRUTH FOR YOUR ENTIRE DATA PLATFORM

BEST PRACTICES AND HISTORIZATION

AnalyticsCreator encapsulates over **20 years of Data Warehouse development experience**, providing proven best practices and modern data architecture templates out of the box.

Features like **historization, slowly changing dimensions (SCD), snapshots, delta loads**, and **audit trails** are generated automatically — freeing your team from manual programming effort.

CLOUD-READY AND FUTURE-PROOF

Even without a defined cloud strategy, you can model your data warehouse today.

Whether your platform runs **on-premises or in the cloud**, AnalyticsCreator always generates the **optimized code for the target environment**.

You can start locally and transition seamlessly to the cloud — **without rewriting a single line of code**.

SUMMARY

AnalyticsCreator is far more than a development tool — it's a **metadata-driven engine** that automates the design, code generation, and deployment of entire data platforms and warehouses.

Through **visual modeling, best practice implementation, seamless integration**, and **complete technology abstraction**, AnalyticsCreator enables teams to build scalable, maintainable, and future-proof data analytics platforms - **faster, more consistently, and with far less effort** than ever before.

