ZAP

ZAP Data Hub for self-service BI

Fast, automated and sophisticated data management software increases actionable, data-driven business insight

ZAP Data Hub unifies all your business data — from any source or location — integrating it into a governed, central hub and preparing it for reporting and expert analysis with self-service BI tools.

Accessing data sources from ZAP Data Hub is a more secure, straightforward, faster and efficient process than manually preparing data for self-service BI, or directly connecting to source databases. It also handles data security and legislative compliance, and reduces the need for specialists, data engineers and key-person dependencies when accessing disparate or siloed data.

With ZAP Data Hub, users can perform complex analysis utilizing the full functionality of self-service BI tools, without impacting either performance, operational timescales or the integrity of underlying databases. As a result,

users are free to explore and analyze multiple, integrated data sources and uncover previously hidden insight.

ZAP Data Hub connects to and collects data from any source — cloud or on-premise — integrating it and automatically creating a data warehouse, replacing manual data preparation and the risk of human error. There is no limit to the amount of data sources that ZAP can connect to. Nor are there any restrictions on the complexity of query that can be performed or the volume of data that can be analyzed.

Key Benefits

- **Saves time**
  Tasks previously taking days or weeks turned into app-based taps and clicks

- **Saves cost**
  Enable complex reporting requirements without data specialists and key person dependencies

- **Reduces risk**
  Mitigate risk associated with proprietary and manual data processes

- **Adaptability**
  Manage data from all sources: from ERP and CRM systems to SQL and Oracle databases

- **Flexibility**
  Manage cloud or on-premise systems or combinations of both, located anywhere in the world

- **Usability**
  Intuitive, user interface opens sophisticated data management to non-technical users

Solution Overview

Hybrid data collection

- Connect to apps and data sources of any type
- Cloud-based, on-premise and hybrid data sources all easily managed
- High-speed, stable data migration even for large and complex data sets

Intuitive data modeling

- Intuitive, metadata-driven data modeling process
- Wide selection of pre-set, optimized data models
- Simple-to-use, graphical interface
- Proactive alerting, real-time warnings and error reporting
- Automatically optimizes a data warehouse
- Creates all necessary keys, indexes and relationships for reporting

Automated data integration

- Integrate data silos quickly and efficiently regardless of type, size or attributes
- Per-table, per-column mapping and union performed by app-based taps
- In-built data profiling and recommendations
- Automatic merging of tables
- Multi-threaded and/or parallel migrations, incremental loading and updating

Automated data warehouse

- Build data warehouses quickly and easily via automated user prompts
- Built-in data type detection and profiling
- Automated data migration and incremental refreshes
- Two-tier warehouse structure (staging, and modern data warehouse)
- Self-generated data migration routines
- In-warehouse ETL transformations

Automated semantic layer

- Caption-based metadata approach
- Cross-ledger querying, hierarchies and aggregations
- Materialized calculations allow deployment of logical measures
- Both data warehouse and semantic layer viewable on the same screen

Built-in data governance

- Automate, control, audit and log all aspects of data governance and security
- From password and access control to reconfiguring mismatched data definitions
- Enterprise-class controls set security permissions and access
- Governance controlled at four separate levels: user, resource, warehouse data and cell data
- History tracking, auditing and monitoring