Cleva Analytics

Business document

Cleva Analytics is the insurance company solution that provides the central source of business information.

Cleva

Cleva Analytics is a flexible module that collects operational data from Cleva software and delivers insurance business information.

Cleva Analytics ensures complete, reliable and structured data marts containing relevant insurance business concepts from the Cleva ecosystem.

From a business perspective, it covers all lines of business and the entire insurance value chain, providing data-driven decision support.

Insurance concepts

All business areas

Business KPI

All lines of business

Value chain

Quality control

Key points

- Normalised **insurance business concepts**

- **Information for compliance**

- **Simplify access** to the insurance data model

- **Data quality control**

- **Single source** of information and business KPIs

- **Data mart** for each line of business

- Data mart covers **all business areas**

- **Compatible** with standard **market visualisation tools**

Overview

Cleva Analytics focuses on making operational data from the Cleva ecosystem more accessible and congruent by identifying active information and quality issues.

The approach of this solution relies on the insurance business data to deliver a data warehouse with structured data and relevant calculations from our data marts.

These are the main features of Cleva Analytics:
- Exploring information
- Quality control
- Business information

Loading data: Initial load of the Core information since the start of the client's activity. The incremental mode is automatically executed on a daily basis, during non-working hours.

Business KPI: Cleva Analytics provides relevant standard business KPIs that every insurance company should track.

Exploring information

Cleva

Cleva Analytics offers easy access to the information of the data model. The data models gather information from Life, Non-life and Accounting areas of the insurance companies.

Cleva Analytics concentrates the tables in a structured way, enabling the user to access, explore and filter the information that is relevant.

The client later explores the information using different standard visualisation tools.

CLEVA ECOSYSTEM

Non-life

Life

Accounting

External visualisation tool

Detailed information: The information provided by Cleva Analytics is so detailed that it allows the clients to select the level of information they desire (for example, refer to the value of collected premiums at the level of product class, product, policy, receipt, risk, accounting class and receipt item).

Compatible with different visualisation information tools: Cleva Analytics is totally compatible with different tools to explore information available in the market.

SQL database (Structured Query Language): Table-based information; however, you can use other tools to query the database.

Simplicity of use: The views select data from the Cleva Analytics base tables - FACT and dimension tables – containing information of the Core system (including all business information).

Quality control

Cleva

Cleva Analytics offers a valuable mechanism, the Quality Issues, that identifies and logs all the inconsistencies occurring in the integration process from the Cleva ecosystem to the data mart.
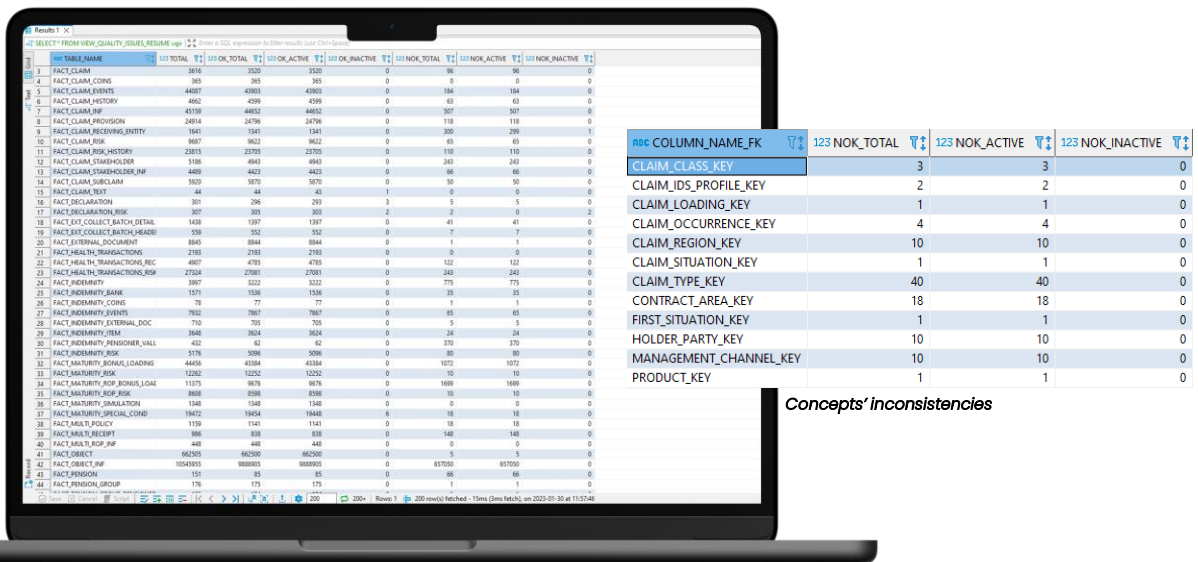

Concepts' inconsistencies

All tables

Check inconsistencies: Reliable data in the data mart.

Anticipate inconsistencies: Inconsistencies are scannable during the project implementation stage before data is loaded to the Cleva Analytics. Thus, the detected inconsistent data can be simply fixed, and reprocessing information is no longer required in a later stage of the project.

Normalised information: The Quality Issues mechanism identifies inconsistent data that result mainly from recovering or migrating processes, which allows working with a database containing standardised values of concepts.

Flexible configuration: You can decide if the inactive or inconsistent data is provided or not in the views at any time.

Business information

Cleva

Cleva Analytics is represented by data marts. They gather information from different business entities, from the policy to indemnities, as well as entities with particular management, such as reinsurance and co-insurance, which are common to Life and Non-life, or from entities exclusively from Non-life, such as multis (fleet) and pensions.

In order to facilitate the access to the calculated data, the KPI framework provides some base-level indicators for the Life and Non-life business areas, such as:

-New policies
-Policies in force
-Gross written premiums
-Open claims
-Claim costs
-Paid amounts

Non-life	Life & Non-life	Life
Motor	Policies	Risk Life
Workers compensation	Indemnities	Unit-linked
General liability	Reinsurance	Universal life
Health	Co-insurance	Savings
Others	Receipts	Annuities
	Claims	

Business entities: All business entities are provided with many dimensions, such as the coverages, to explore with different levels of detail.

Information for compliance: The business entities give the information needed so your company complies at all times.

Business KPI: Cleva Analytics is the perfect tool to track the business indicators, enabling to get the knowledge about Life and Non-life areas.

Cleva Analytics assures a complete, reliable and structured source of information containing relevant business data from the Cleva ecosystem.
It ensures a business perspective, by identifying critical KPI, enhancing data marts, and providing that information to be explored.

Product Management

Cleva