IT Business Analytics

Business Analytics Data Usage

BA Application

BA Dashboards

The BA Dashboards contain Scorecards, Perspectives, Objectives, Key Performance Indicators (KPIs), and Metrics.

BA Dashboard

Explorer

Explorer provides overtime information about Scorecards, Perspectives, Objectives, KPIs, KPI Breakdowns, Metrics, Metric Breakdowns, or Unassigned KPIs. It also provides configuration and raw data information. It enables to add, edit, and email annotations. It provides goal maps.

Explorer

Studio

The Studio is the component where the Business Analyst can create and manage Scorecards, Perspectives, Objectives, Metrics, Metric Breakdowns, KPIs, KPI Breakdowns, or Unassigned KPIs, change formulas or filter thresholds, and more.

Schedule and run ETL

Context Designer

Context Designer enables you to create and manage Contexts (semantic layer). The Contexts can be based on your target schema tables. The Data Loader in Cont ext Designer can be used to upload data using files and to create contexts based on the data without performing integrations to external sources or to other HP products. This enables the integration of third party data, testing, or Proof of Concept (POC) sessions.
The KPI engine uses the contexts to calculate the KPI results.

Customization of semantic layer

Data Management

To manage the data, use the following steps:
* Install Content Packs - Their extractors are needed to connect to the relevant data sources to gather data and ETL artifacts which can transform and load data to data warehouse.
* Connect Data Source – To integrate the data into the DWH.
* Configure consolidation – To consolidate entities from different data sources, prioritizing and selecting the relevant entity dimensions, and when to use the consolidation.
* Run ETL Stream - The ETLs streams pull the data from the activated data sources.
* Activate CAPs - Activate Content Acceleration Packs (CAPs) that are ready-to-import packages that include Dashboard pages that display Scorecards and components, KPIs, Metrics, Contexts, data (from .CSV files or from data sources), and documentation for the CAP.

Load DWH table structure

Activate or deactivate

Data Warehouse

Install

Data Loader

IDE (Content Extension)

The Integrated Development Environment (IDE) allows you to develop content (new entities and extend existing content) and DWH models using the IDE Designers. Once the entities are defined and mapped, they are run through the ETL Generator to produce the metadata and workflows. You can then package the artifacts into Content Packs for use in the Data Warehouse.

Generate ETL

Content pack

Existing Content Pack

Data Sources

.CSV file

.XLS file

Databases (MSSQL, MySQL, Oracle)

OOTB data sources

Content Extension