

# SAP BI 4.1- Analysis for Web, SAP BW 7.4 on HANADB & DS 1.3

## NEW SAP BW-BI CAPABILITIES & FEATURES!

Several customers have upgraded their SAP BW production applications to BW 7.4 running on SAP HANA DB and SAP BI (aka BOBJ) systems to BI 4.1 to leverage on new ETL and ERQA features that reduces overall IT project cost and increases end-user productivity by leveraging new features that promote self-service reporting , RDS and BW business content

SAP BW 4.1 - All BI tools ( Webi, OLAP, Crystal, and IDT) have been enhanced. Below is a list of **Top 5 noteworthy features** available in SAP BI Analysis for OLAP (aka SAP BI Analysis for Web) version 4.1:

**1 ) OLAP Analysis Integration with Design Studio:** You can now export selected components and sheets from a BI 4.1 Analysis for OLAP workspace to an Analysis View and further customize within Design Studio. This feature enables rapid dashboard development options for Design Studio dashboard applications and reduces overall dashboard configuration time.

**2) Native Support for BEx Query Prompts:** You can now save OLAP workspace variants for BEx query variables for mandatory and optional variables with support to merge prompts from multiple BEx queries used within one OLAP workspace. This feature simplifies user prompt screens by removing duplicate prompts when more than one BEx query with common variables are used.

**3) SAP HANA Specific Features in OLAP for Web and Office:** OLAP for office connection to SAP HANA is established using the 32-bit HANA ODBC driver and OLAP for web connection is established using an OLAP connection created using the IDT in the BI launch pad portal. OLAP for web now supports SAP HANA prompts, hierarchies, variables from HANA analytical and calculation views.

**4) Advanced Data Manipulation Options in OLAP for Web and Integration with Crystal Reports:** Enhanced web user interface now provides better filter by member and measure options in the analyze tab within OLAP for web application with support to conditional filtering and formatting (aka exceptions). The new move before and move after navigation options of values in the report present in the context menu makes it easy to modify OLAP analysis objects. Users can now link OLAP for web analysis workspace dynamically to Crystal reports using the OLAP for web context menu. Values from OLAP analysis can be passed dynamically as input parameters to Crystal report objects (similar to RRI).

**5) Power-user / Self-Service BI Specific Enhancements:** Power-users can now create and save custom / self-service Analysis for OLAP web reports / views by custom slicing and dicing SAP BW data via BEx super query/s in the BI launch pad portal with prompts and selections as workspaces and share with other users. Users can create play-books similar to SAP BW BEx workbook excel objects there by empowering power-users and self-service BI users and minimizing IT involvement. Advanced formatting with conditional formatting, top N reporting, new waterfall charts with hierarchy and non-hierarchical data are now supported as well. **Power-users love the new features when they know how to use those exciting features...**

### SAP BW 7.4 SP5 ON HANA

**1 – New Capabilities:** a) Char info objects upto 250 characters or NUMC 69 characters, b) BW Virtual Provider for HANA Analytical & Calculation Views, c) **New FIX operator** in BW BEx query designer to handle before and after data aggregation.

**2 - HAP – HANA Analysis Process** functions can be used to build ABC classification data models with open hub extraction support.

**3 – Enhanced List of Data Sources for ETL and Open Hubs:** Transformations for data flows within info providers and open hubs can now contain query provider, SPO, HAP, DTPs, info sets and DSO's.

**4 – Enhanced SPO (Semantic Partitioning Objects) Interface –** The newly enhanced interface enables you to quickly created new and modify existing semantically partition info providers ( cubes and DSO's).

**5 – Enhanced DTP options –** a new DTP option is now available to manage SAP HANA DB data merge with error handling / data load exception processing (load status cancel / red / green, etc) for DTPs and more...

### DESIGN STUDIO 1.3

**1 - DS SDK** can now deploy DS dashboards in BW or HANA systems. **2 –** can save dashboard navigation state via bookmarks. **3 –** share DS charts with Lumira, and more...



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