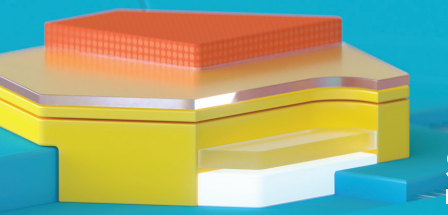
Extending SAP Insights: Pyramid Beats Power BI



SAP® Certified
Integration with SAP BW/4HANA

SAP® Certified
Integration with SAP HANA®

SAP® Certified
Integration with SAP NetWeaver®

Power BI: Designed to ingest and copy data–slower query speeds and data duplication

Your business relies on SAP. And you want to leverage *all* available enterprise data together with your data in SAP.

Power BI is one option for querying data residing in both SAP and other sources. But Power BI was designed to *ingest and duplicate* SAP and other data in Microsoft's cloud, leading to slower performance, data duplication, and data security risks. Power BI imposes limits on data volumes queried when in direct query mode. And Power BI functions such as Quick Insights and Q&A do not work for direct queries. For Power BI, direct query is a second-class capability with limited functionality.

Pyramid Analytics takes a faster, secure approach. Pyramid's PYRANA engine was *built to directly query* SAP and your other data sources, without extracting or copying data. Pyramid supports a broader array of direct-query options than Power BI, including NoSQL engines. With Pyramid, you can securely visualize and explore all directly queried data in a single, interactive dashboard, regardless of data volumes or query complexity.

Power BI: Requires rebuilding business logic from SAP and other sources

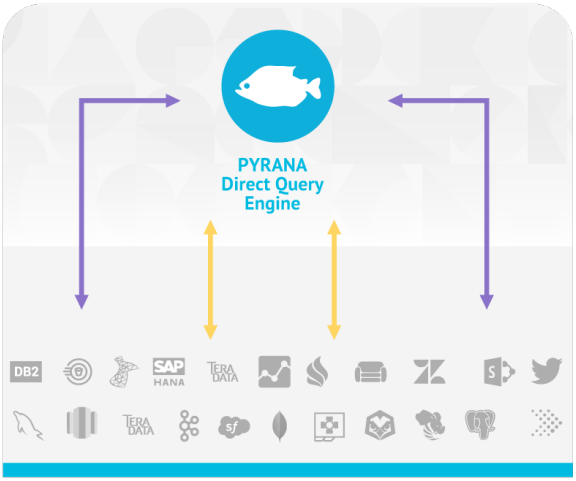
Power BI fails to fully convey the business logic that accompanies data in SAP BW, SAP BW4/HANA, SAP HANA, and other data sources – requiring Power BI users to recreate it in the tool. Without ingesting the data itself, Pyramid fully assimilates the business logic of data in BW and HANA, including parent-child hierarchies, ragged hierarchies, attribute properties, model parameters (including default values), and key dates. With just a click, drill down to expand hierarchies and explore details.

Power BI: Undermines security by relying on a desktop "thick" client

To access full functionality, Power BI users must rely on a downloadable desktop client. But Power BI Desktop permits copying and downloading of data and .pbix files, posing security risks. Pyramid never uses a desktop "thick" client, but provides a complete and unified user experience in a standard web browser, built on a secure, centrally governed architecture.

Power BI: Inhibits speed-to-insight across the enterprise

Pyramid accelerates user realization of insights in ways Power BI cannot. Pyramid's built-in AI capabilities provide best-in-class user guidance and natural language interaction. In fact, Gartner ranks Pyramid above Microsoft and all other vendors for augmented analytics – so you can equip everyone in the enterprise with decision intelligence.* For report readers, Pyramid lets you schedule, burst, and dynamically populate pixel-perfect reports – unlike Power BI.



Critical Feature	Pyramid with BW, BW4/HANA, or HANA	Power BI
Direct query of SAP data	Yes, *without* data ingestion	Limited, prefers data ingestion
Non-SAP and hybrid data access	Yes: Any SQL data and popular MDX sources	Yes, with limitations on MDX query functionality
Query performance/speed	Market-leading	Conventional
Deployment	Anywhere: On-premises, any cloud, or hybrid	Microsoft's cloud (Report Server provides on-prem *reporting* only)
Embedding	Yes: Any HTML5 web page or app interface	Yes, but may require DAX coding
Data model structures	Yes, including regular, ragged, parent-child hierarchies	Limited
Server-defined logic	Yes	Yes
"Key dates"	BW and BW4/HANA: Yes HANA: Not applicable	BW and BW4/HANA: No HANA: Not applicable
Result structures	Yes, including numeric formats, masking, cell-security	Limited
Localized data and models	Yes	Limited
Create models back into HANA	BW and BW4/HANA: Not applicable HANA: Yes	No
SSO security	BW and BW4/HANA: Direct, SNC+AD, or Logon Tickets HANA: Direct or SAML	Yes: Direct, SNC+AD, or Logon Tickets
Robust data prep tools	Yes	Limited, may require Power Query
No-code/low-code data science and machine learning	Yes: Built-in, autoML, Python, R	Yes, but may require Power Query, Power BI Desktop, and/or Azure
Data visualization	Yes	Yes
Augmented analytics	Yes: Data narratives, natural language query, related metrics Ranked #1 by Gartner (including above Power BI)*	Yes
Advanced total and subtotal formulation options	Yes	Limited, may require DAX coding
Storyboarding	Yes	Yes
Publishing	Yes: Pixel-perfect, scheduling, distribution	Limited
User-designed dynamic infographics	Yes	Yes
Extensibility	Yes: APIs, embedding, BPI, workflows	Yes
Content governance	Yes: Lineage, structure analysis, versioning	Yes, but security undermined by required desktop client
Technical support	Market-leading, according to Dresner Advisory Services user survey results**	Potentially insufficient, according to Dresner Advisory Services user survey results**

* Gartner, Inc., "Critical Capabilities for Analytics and Business Intelligence Platforms," May 2022; Gartner scored Pyramid Analytics above all other vendors evaluated for the Augmented Analytics Use Case
** Dresner Advisory Servcices, LLC, "Wisdom of Crowds® Business Intelligence Market Study," 2022

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