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SBN – Analytics Day
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Speakers



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Agenda

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Problem Statement

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Solution

- SAP Data Intelligence
- SAP Data Warehouse Cloud
- SAP Analytics Cloud

4

Q & A



Today's Topic

From data to insight using the multi-faceted tool **SAP Data Intelligence** in combination with **SAP Data Warehouse Cloud** and **SAP Analytics Cloud**

Problems

Some Business Use Cases and Common Reporting and Data needs

Business Use Case

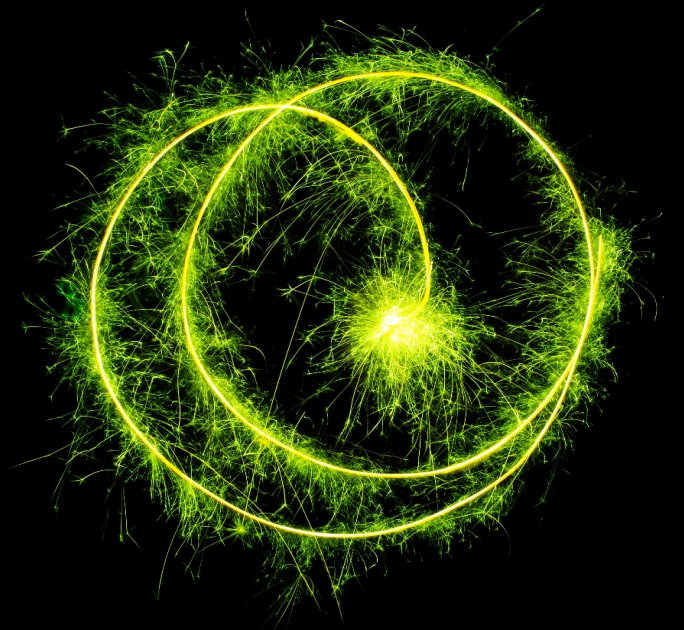
- Data Validation among SAP and Non-SAP applications based on the rules defined by the business expert
- Data Reconciliation and finding the gaps and recording & reporting the gaps
- Enabling the Subject matter expert to take human decision before fixing the data
- Automate the accrual posting post validation
- Enabling business expert to drill down, drill-across and compare before and after the data correction

What's
the solution?

Common Reporting & Data needs

- Metadata exchange without exposing the database
- Consume and use exported data in the reporting tool
- Rule based data quality check
- Mass Data replication
- Integration with Data Lake i.e Azure
- Enabling Machine Learning scenarios and training the deep learning model
- Discover and connect to any data, anywhere, anytime from a single enterprise data fabric
- An application to Transform and augment data across complex data types and curate a robust searchable data catalog?

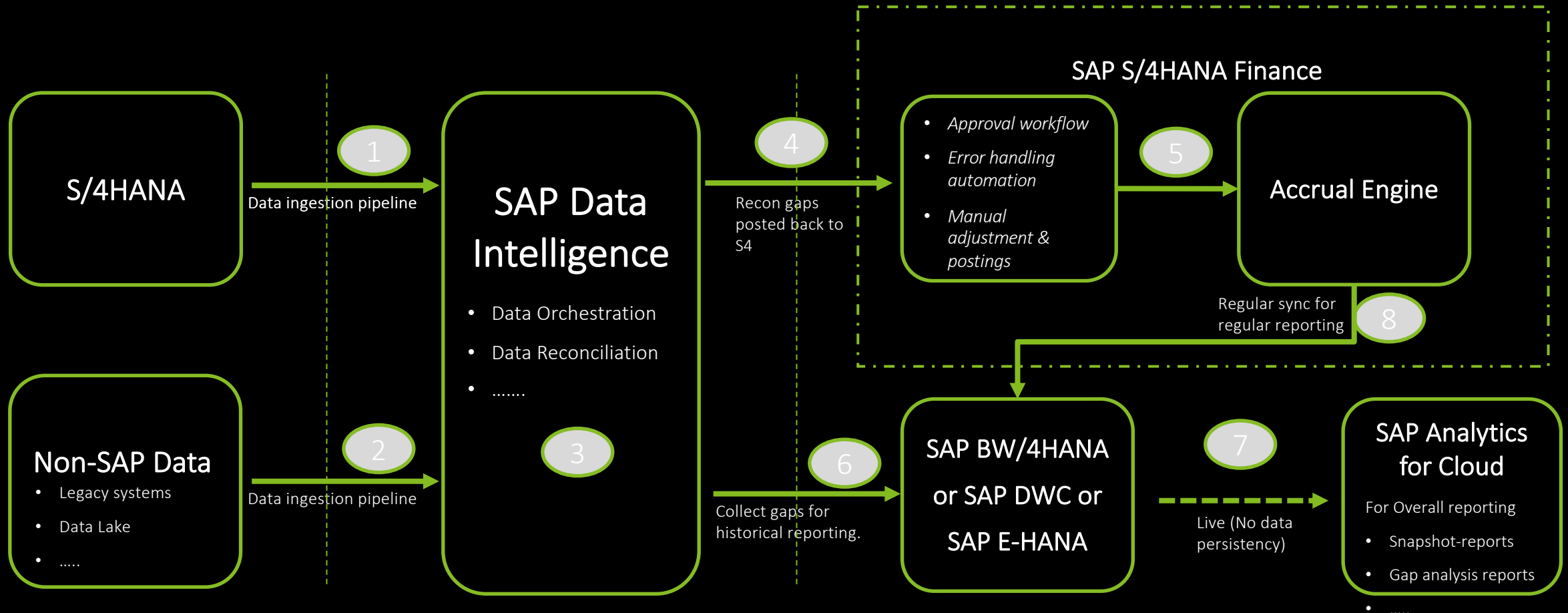
Solution to the problem statement





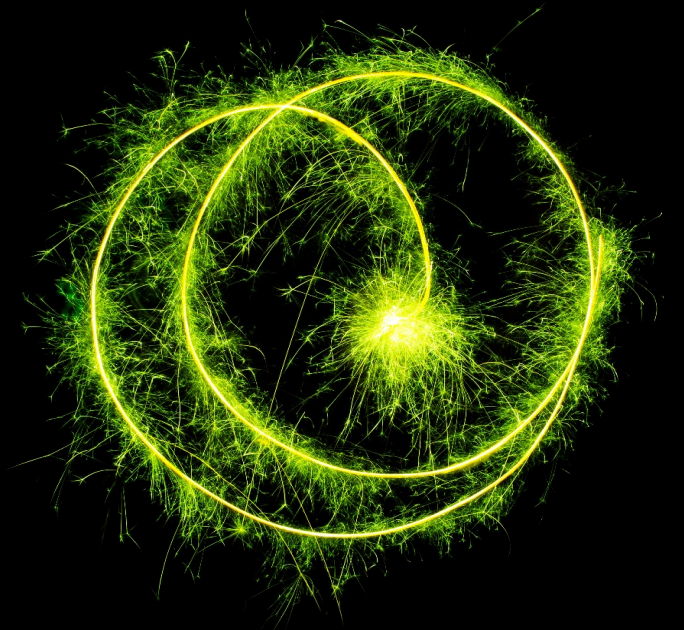
Solution for business use case

End to End solution for Data Validations, Orchestration and Accrual posting in S/4HANA





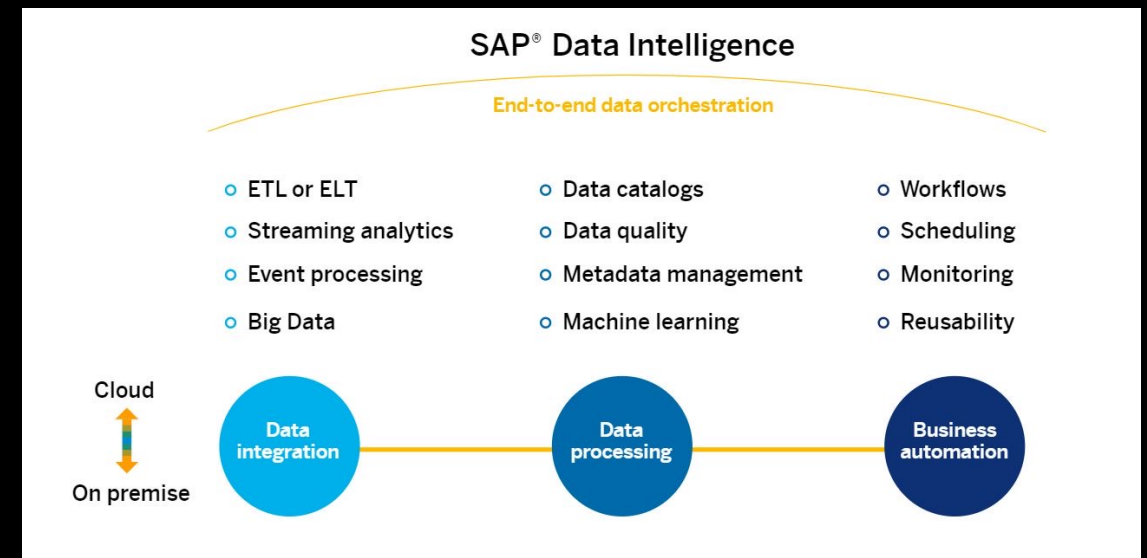
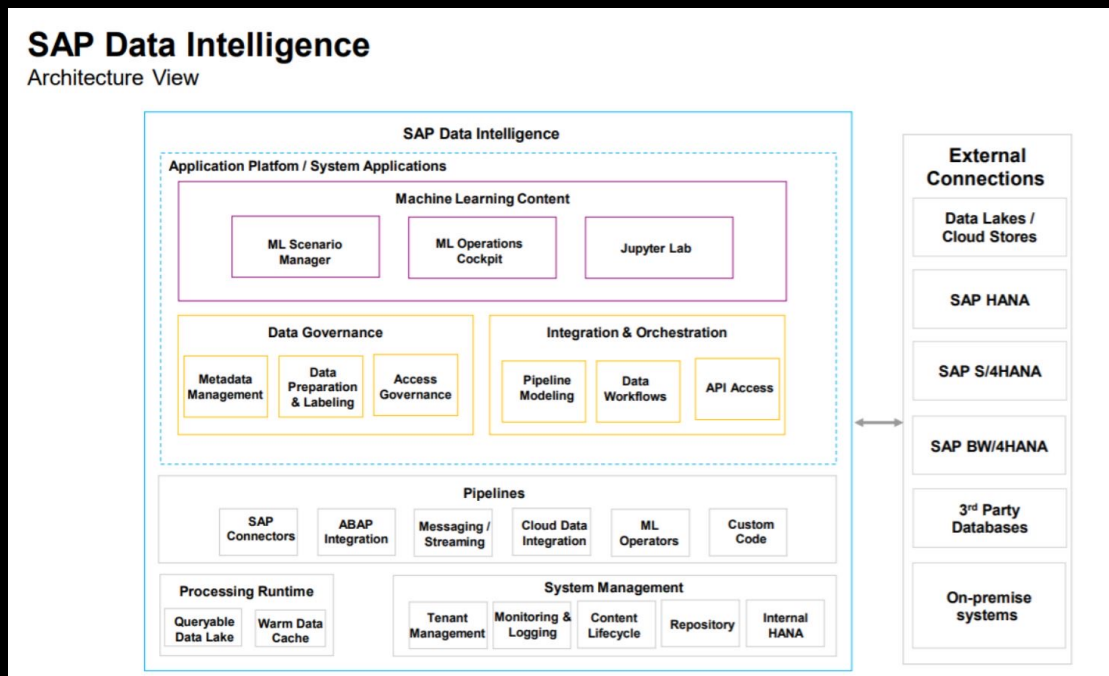
SAP Data Intelligence





SAP Data Intelligence

SAP Data Intelligence is a **comprehensive data management solution**. As the data orchestration layer of SAP's Business Technology Platform, it transforms distributed data sprawls into vital data insights, delivering innovation at scale. This product is known to be one of the robust product under SAP Integration suite. Provides **Data Integration, Data Management & Data Processing** - A complete solution.

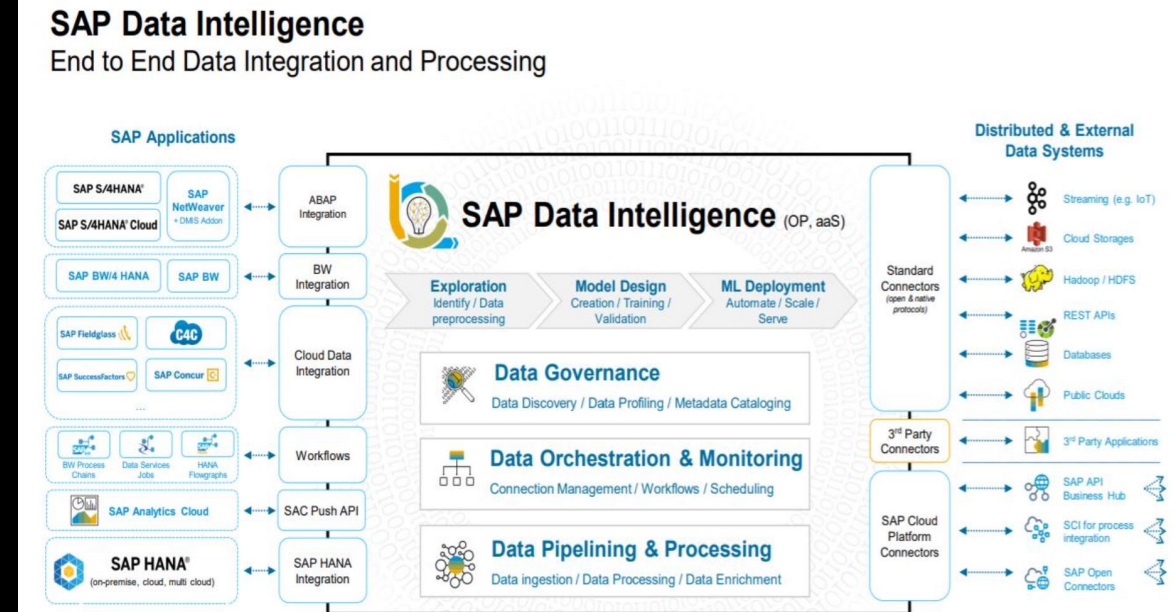




Features

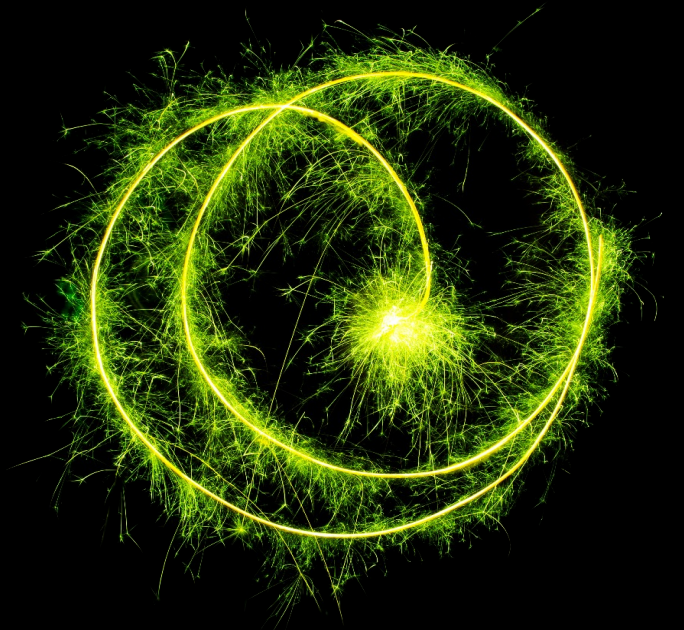
SAP Data Intelligence end-to-end Data integration and processing

- **Data Discovery** – It is a term used to describe the process for collecting data from various sources by detecting patterns.
- **Data Profiling** – It is a detailed analysis of source data. It tries to understand the structure, quality, and content of source data and its relationships with other data.
- **Metadata Cataloging** – It 's collection of all the data about your data. Metadata can include the data source, origin, owner, and other attributes of a data set.
- **Data Ingestion** – It is a process by which data is moved from one or more sources to a destination where it can be stored and further analyzed.
- **Data Processing** -Data processing occurs when data is collected and translated into usable information.
- **Data Enrichment** – It is a general term that applies to the process of enhancing, refining, and improving raw data.





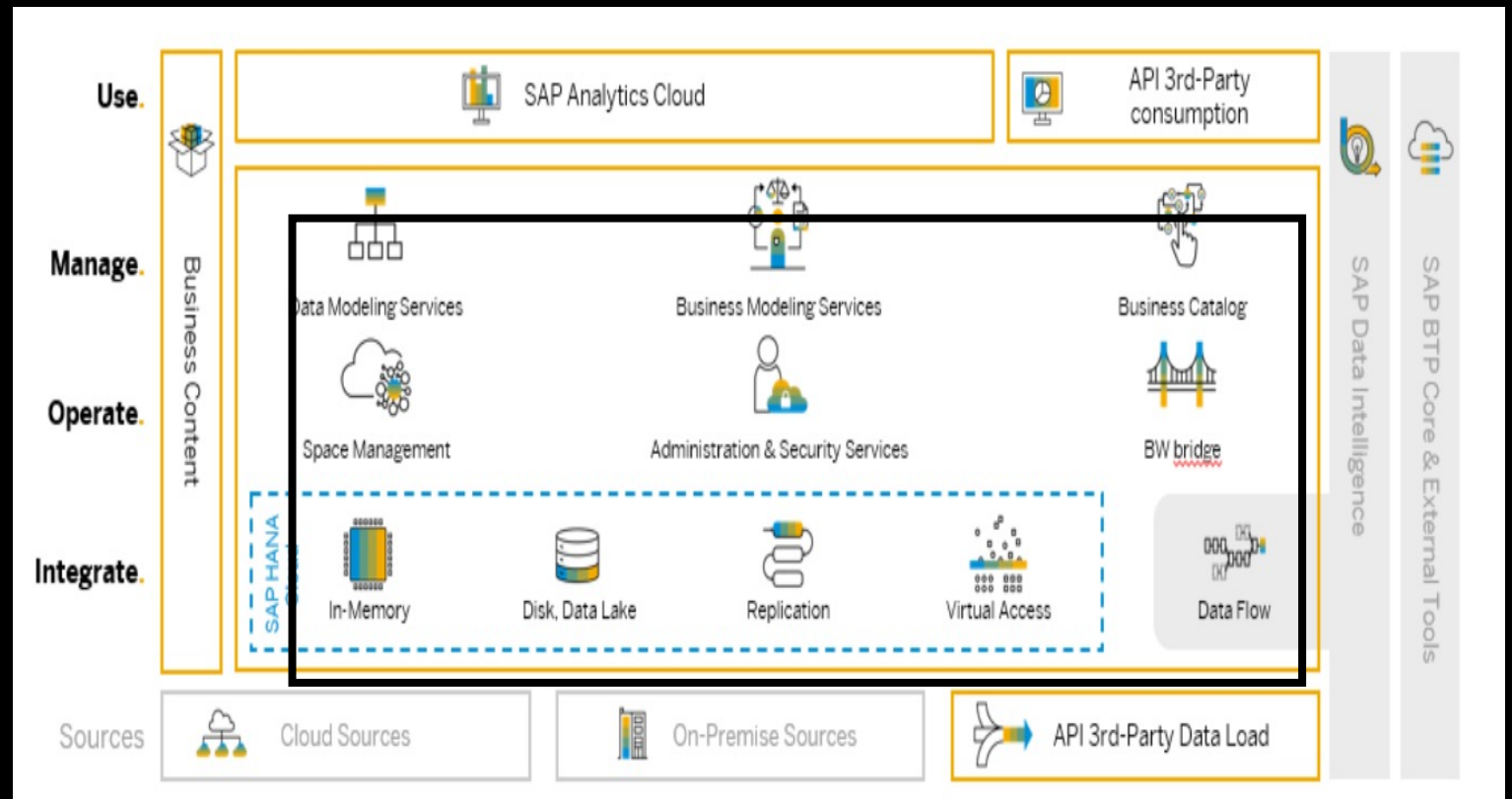
SAP Data Warehouse Cloud





SAP Data Warehouse Cloud

A central part of an Analytics platform to combine **datawarehousing**, data **integration** and **analytics** capabilities





SAP Data Warehouse Cloud

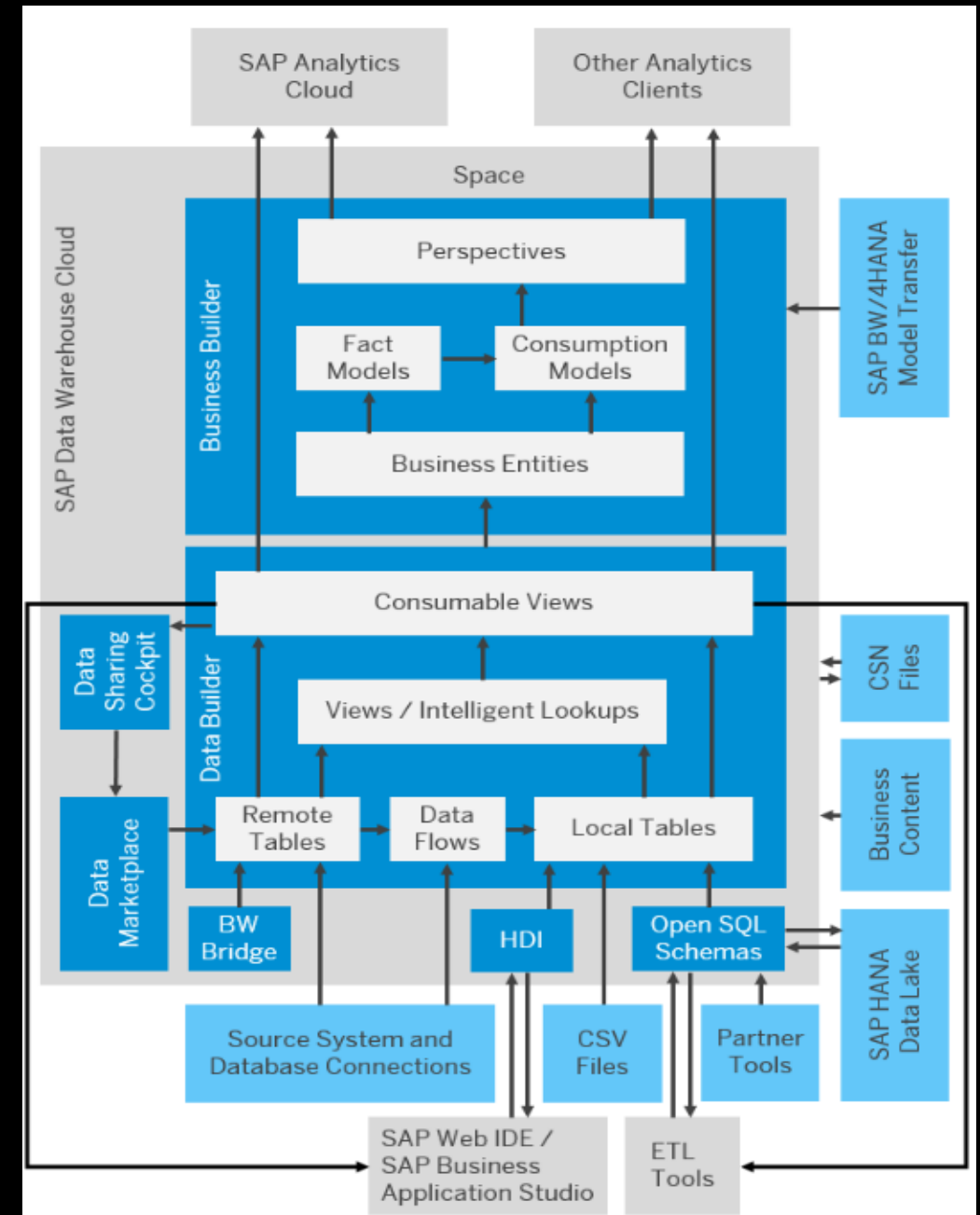
Integrate data

Acquire data

Prepare data

Model data

Consume data





SAP Data Warehouse Cloud

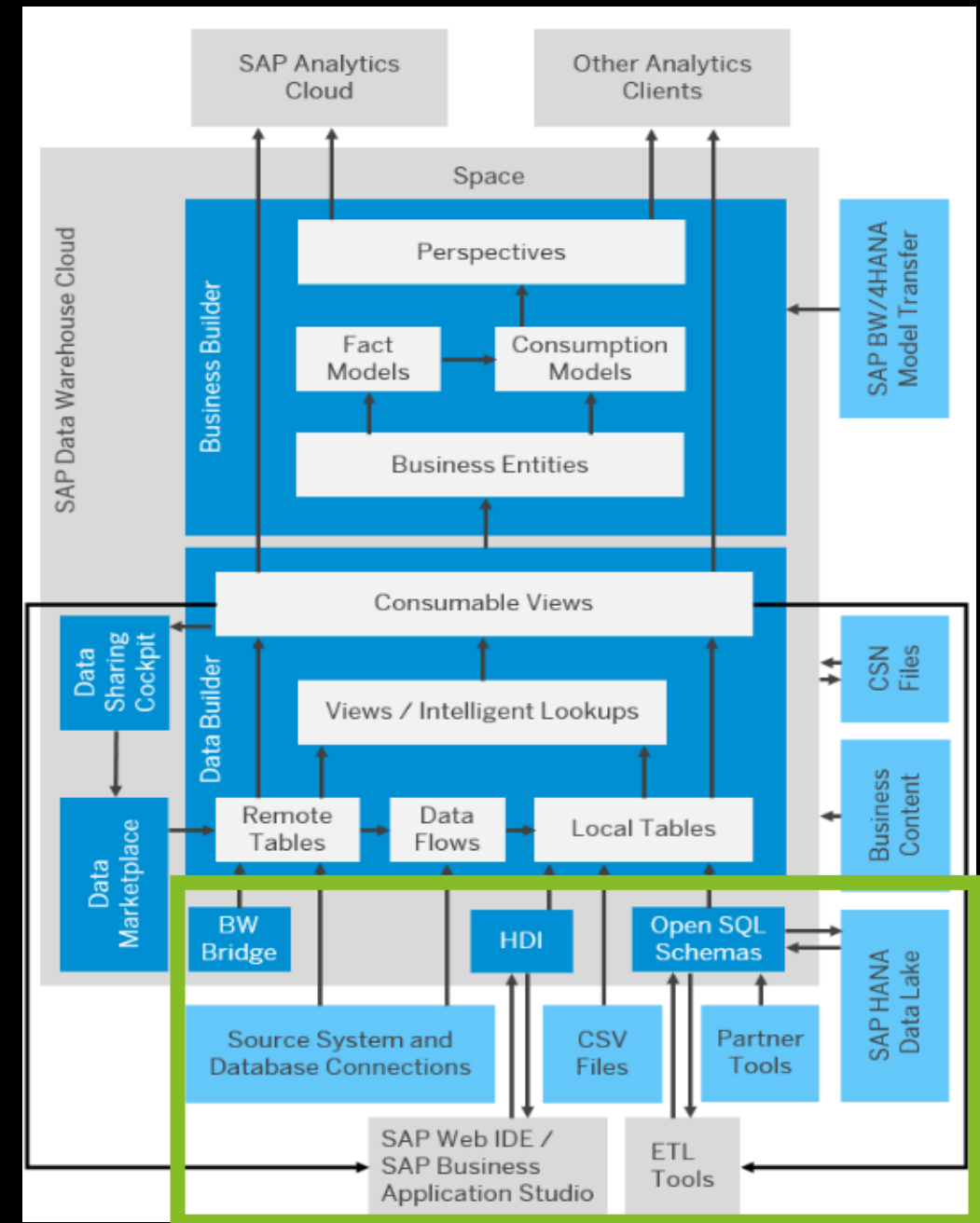
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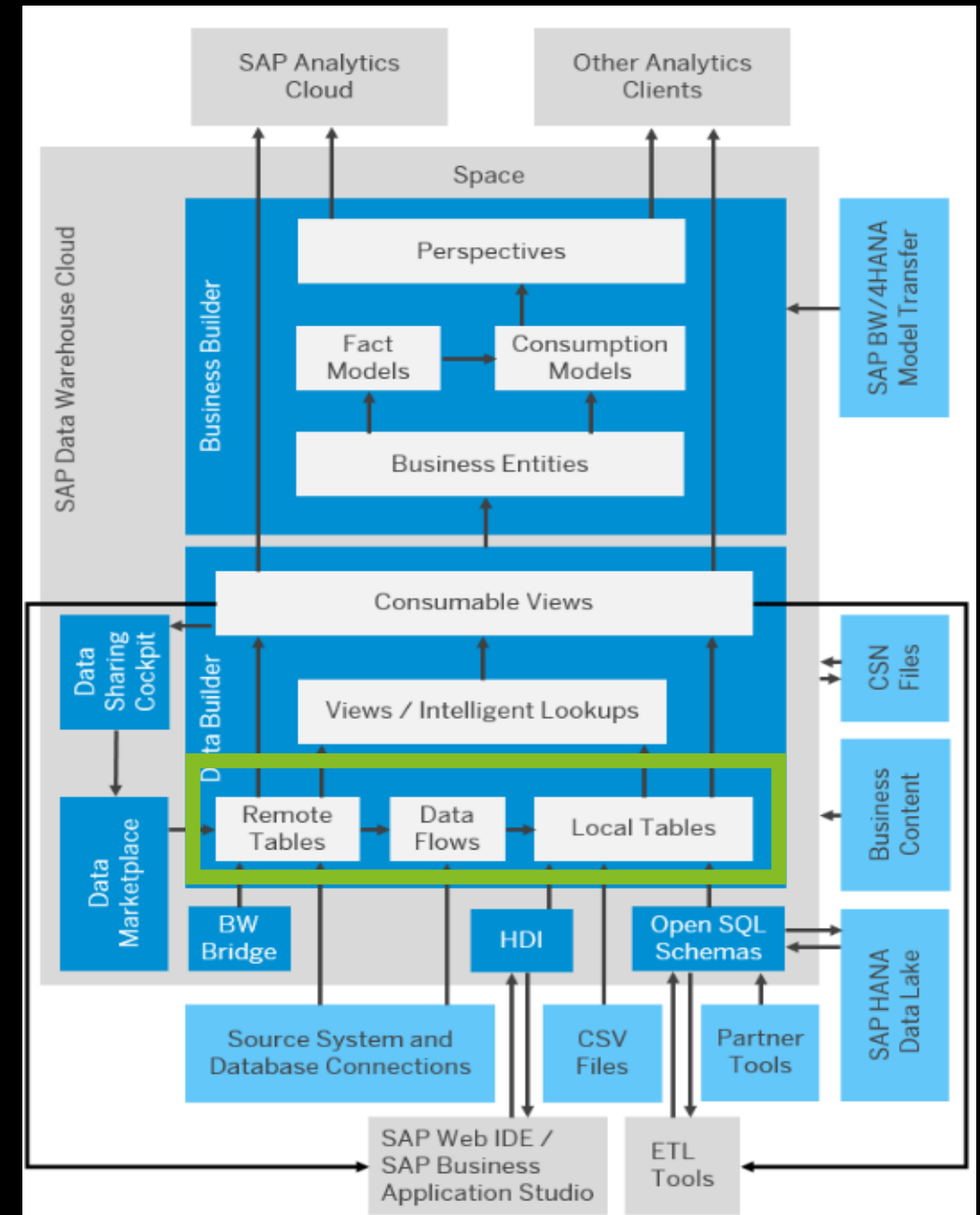
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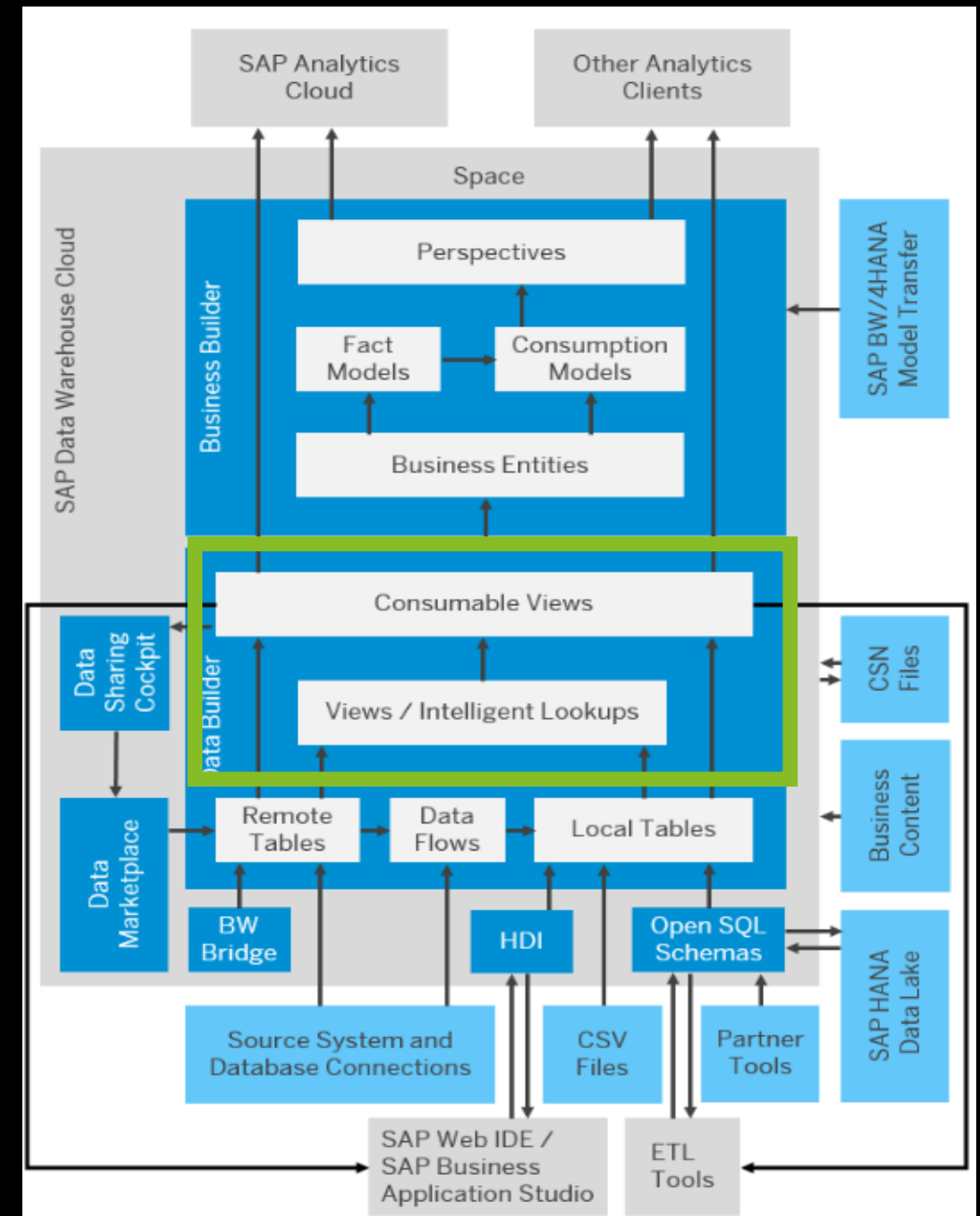
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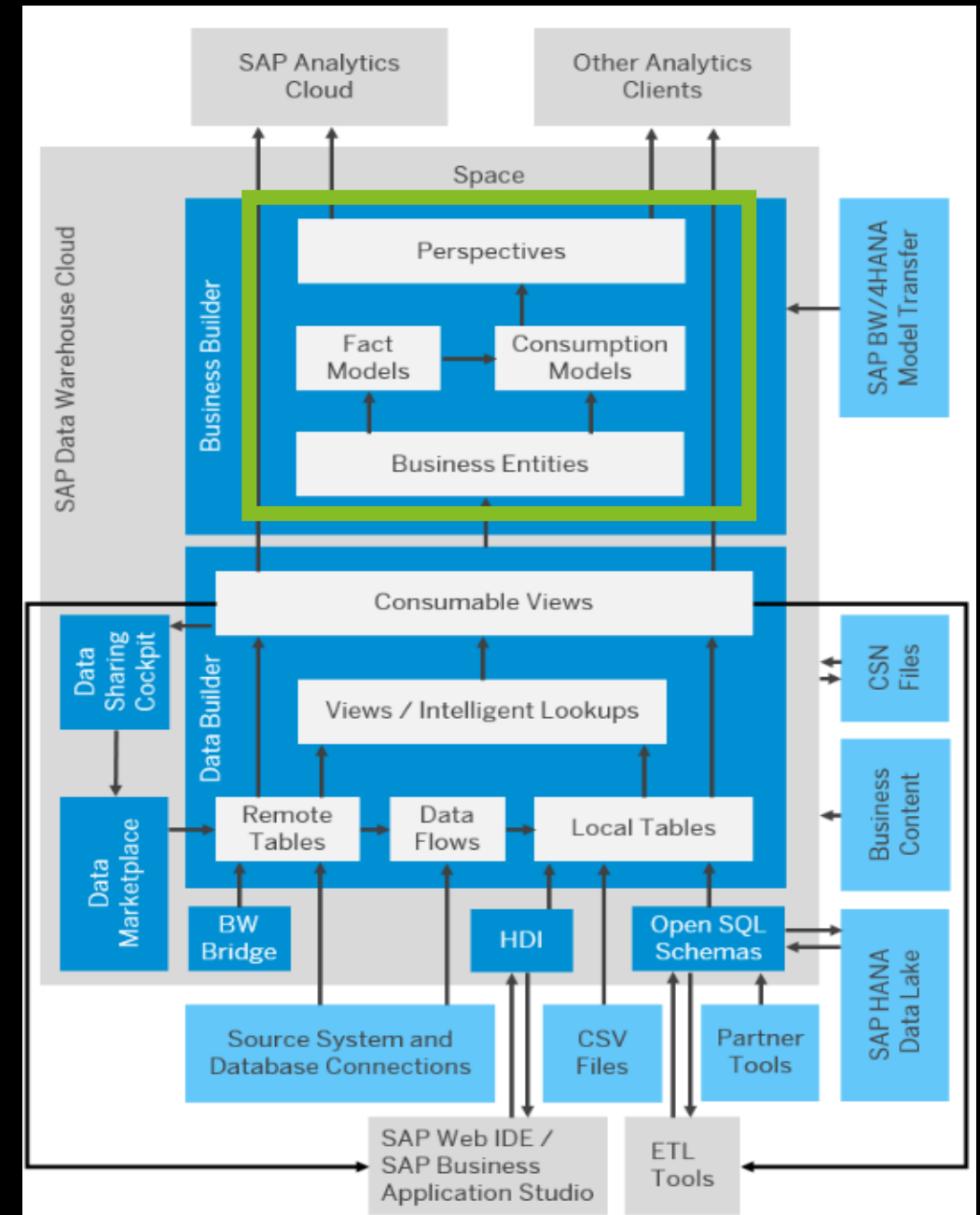
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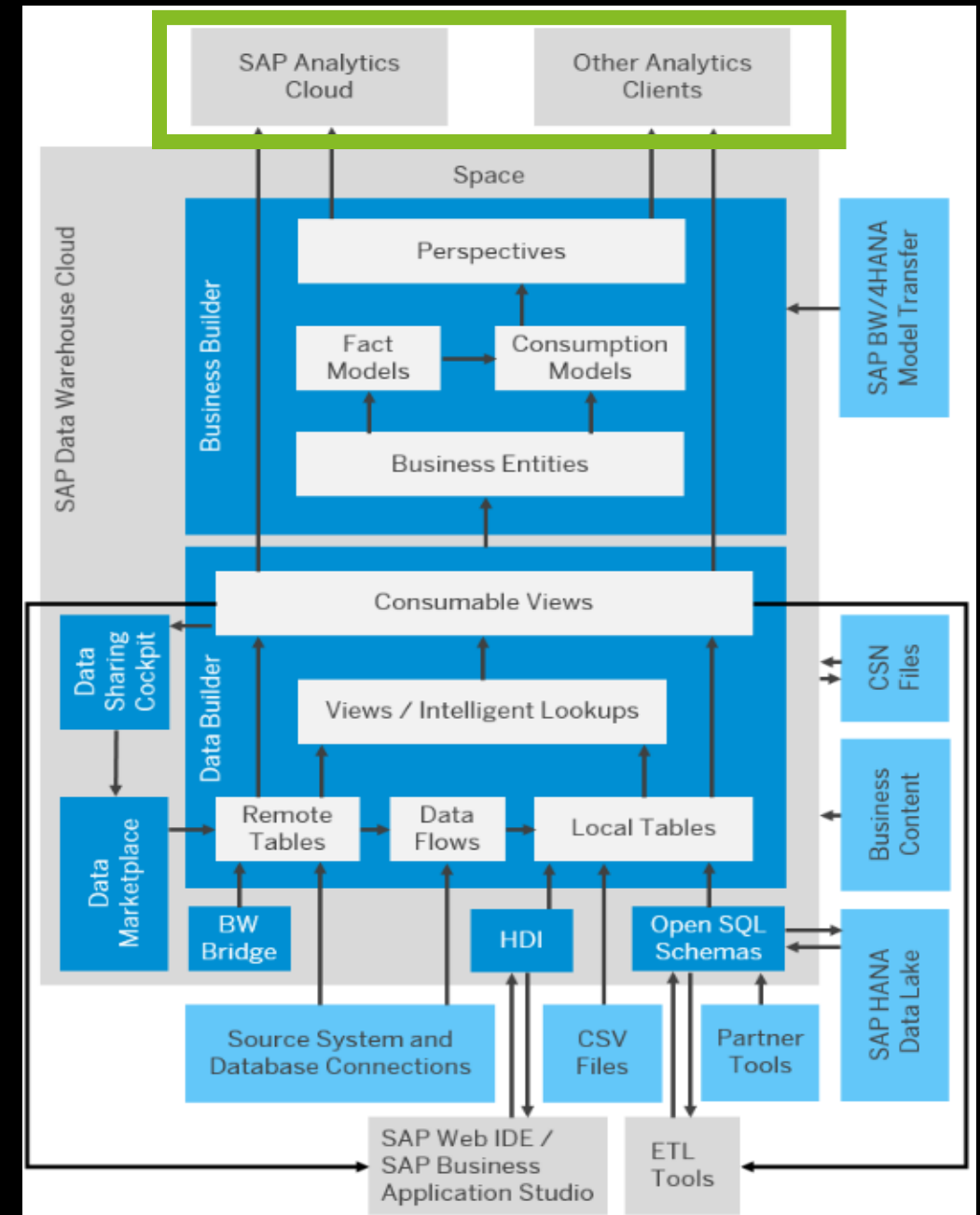
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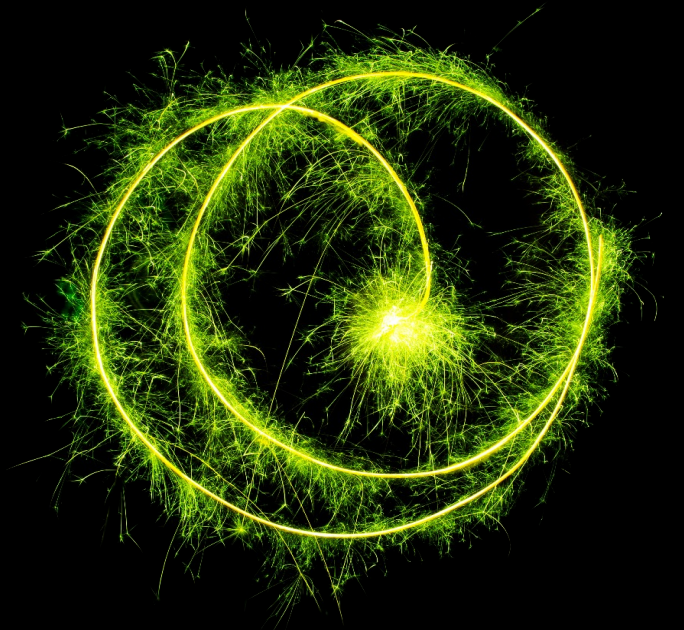
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Consume data





SAP Analytics Cloud



SAP Analytics Cloud (SAC)

Plays a key part to SAP Overall vision to Analytics and Planning

Analytics Cloud Planning:

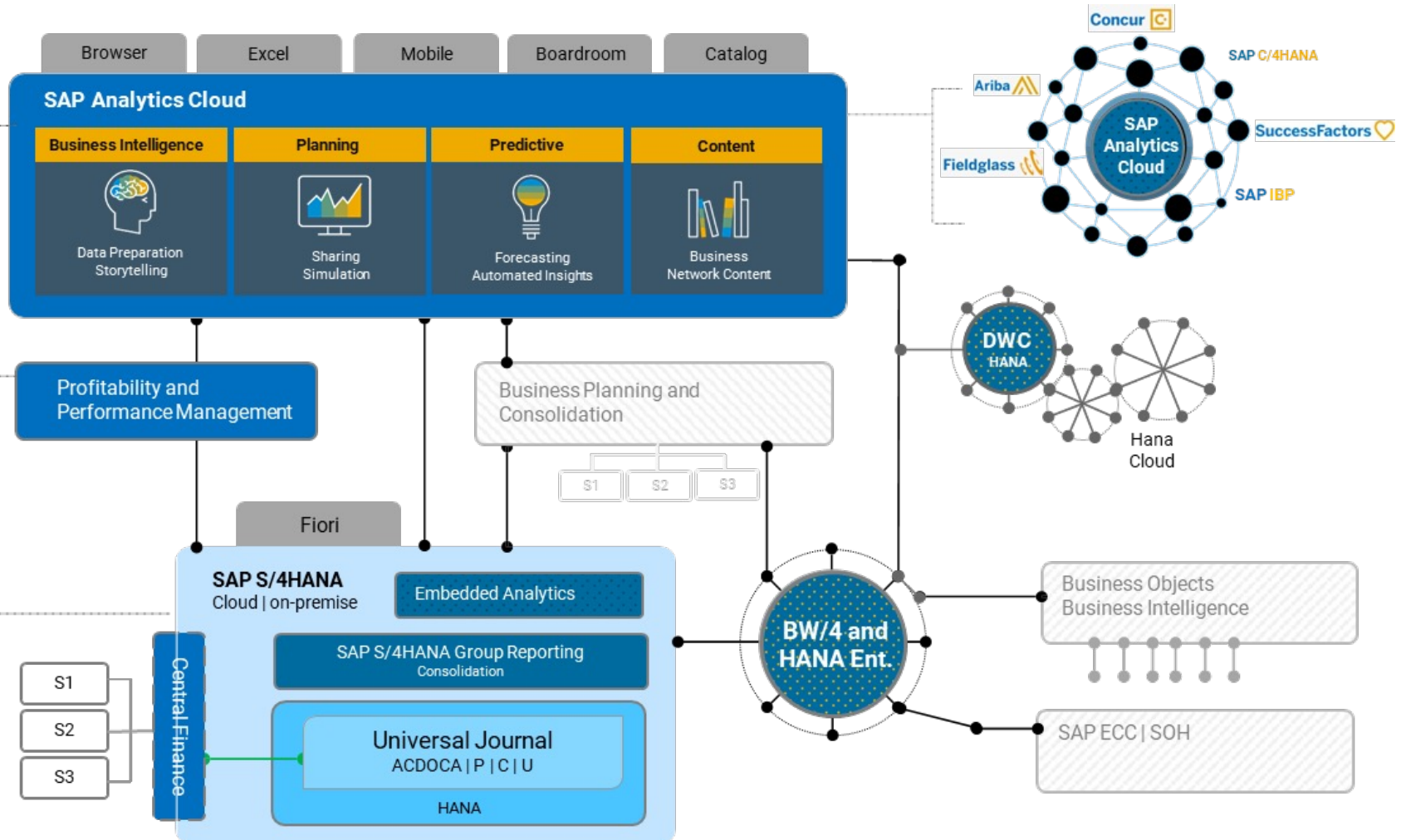
- Unified
- Integrated
- Enterprise wide
- Modern
- Cloud

Profitability and Performance Management:

- High scalability | virtual
- High complexity
- Transparency
- Business Owned
- Native HANA

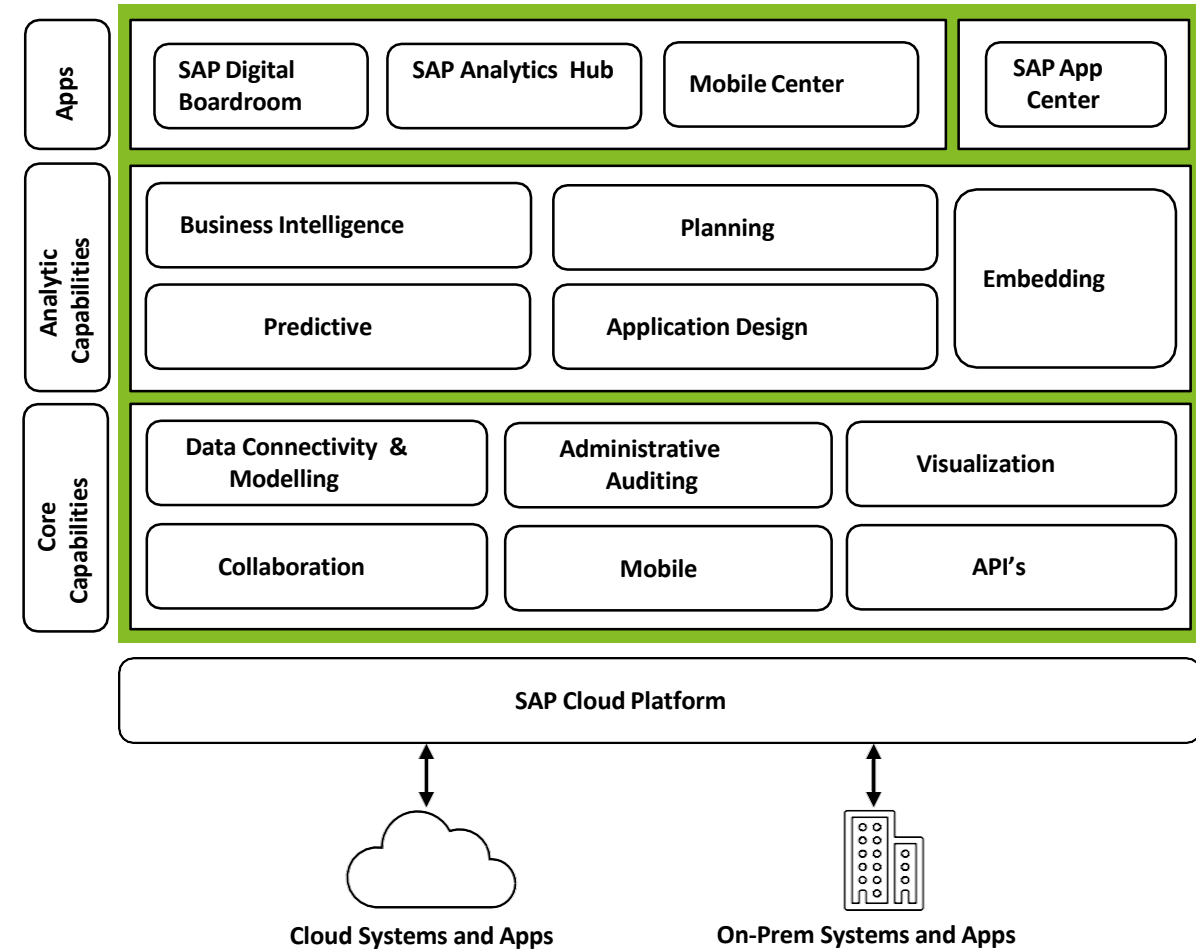
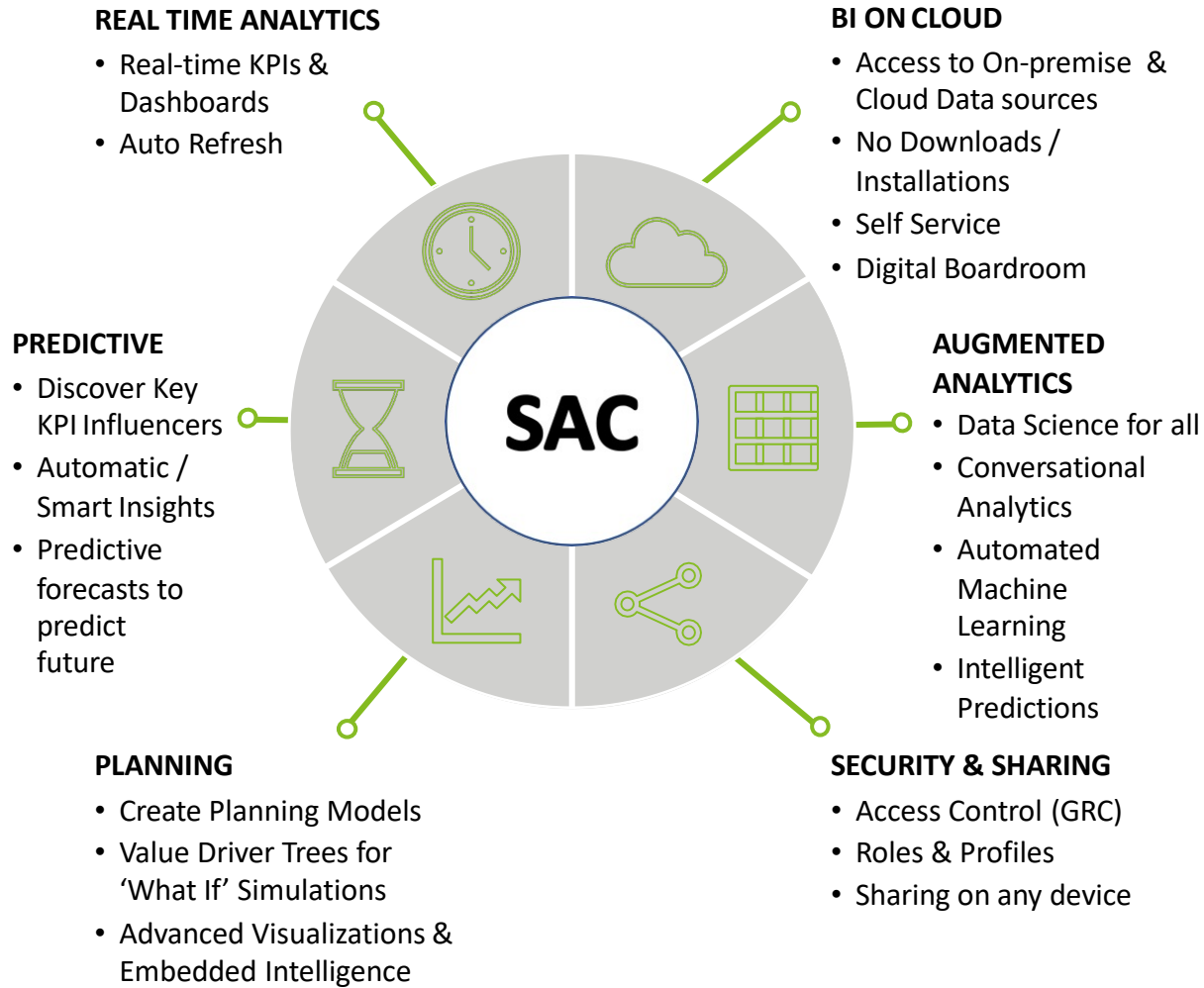
Group Reporting Complete Consolidation in S/4 for:

- Data Collection
- Preparation
- **Consolidation**
- **Reporting**
- **Disclosure (R)**



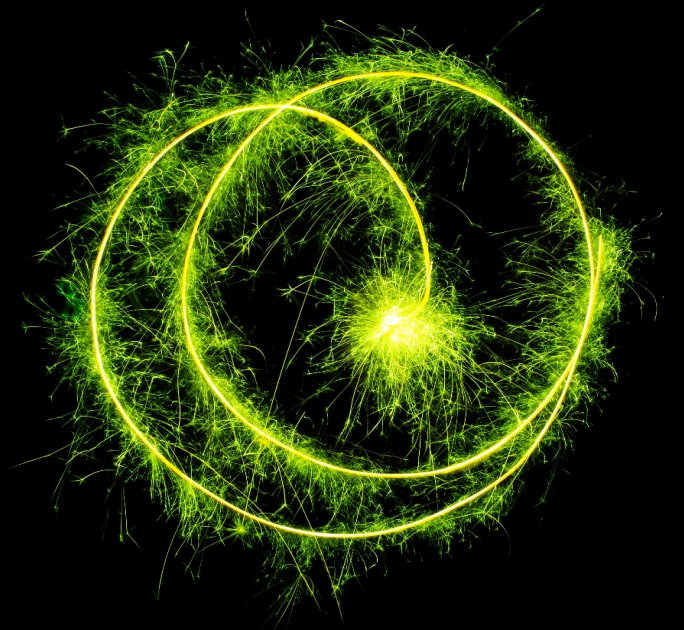
SAP Analytics Cloud (SAC)

Unifies Capabilities on One Cloud Platform



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Q&A





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