UNLOCK VALUE FROM SAP DATA ACCELERATED BY GOOGLE CLOUD CORTEX FRAMEWORK AND INFOSYS

Google Cloud

Infosys®
Navigate your next

SAP is often the core of the business landscape for CPG, Manufacturing and Retailers. It supports the transactions from Plan to Deliver, Customers and Financial Management. It is therefore imperative for any Digital Transformation initiative to focus on unleashing the data from SAP, and connecting that data with broader enterprise and digital data sources to reap further value from SAP investments including S/4 migrations. Today Enterprises look for paths to accelerate their Digital Transformation, especially surrounding SAP due to the business value inherent in being able to increase in time to market, cost to data insight and cost of ownership. This coupled with decreased agility in enabling business personas and digitization of models prevents the enterprise from realizing true business value and optimized return from their investments.

Enterprises today may commonly have the following barriers to unlock the value from SAP Data.

1. Data Velocity

2. Absence of domain driven data templates

3. Absence of Unified Semantic View

4. Unconnected core digital data

5. In flexible Multiple integrations around SAP Data

6. Democratization of Insights from SAP + Enterprise + Digital Data

7. Acceleration of AI on SAP Data

As a foundation partner for the Google Cloud Cortex Framework, our core mission is to realize a flexible data and insight fabric surrounding SAP Systems. We are leveraging our 15+ years of industry / implementation experience surrounding SAP Data coupled with Google Cloud's Smart Data Analytic platform services.

Launching the SAP data journey with Google Cloud Cortex Framework

Google Cloud Cortex Framework provides easy to deploy pre-built content, on a carefully designed architecture that serves as a reference for scaling up across the layers deployed for an enterprise's broad range of needs. For integration, it can use the newly released BigQuery connector for SAP that enables seamless replication from an SLT instance on SAP or can also use other commonly available CDC enabled replication mechanisms. The design and data models bring in decades of experience and depth in SAP driven processes from Infosys, a Cortex partner with Google Cloud.

Solutions packaged provide components across a comprehensive data platform, including ML models, Looker Visualizations and Templates for effective CI/CD operations. These can stimulate intelligent applications with ease and be made available to diverse user communities from a richly capable data platform.

Google Cloud Cortex framework and Infosys DNA SAP Surround industry/ domain solutions

DNA Surround for SAP' is a set of digital solution assets driven services for our SAP customers to unlock the full value of their Enterprise Data. It does so through Autonomous Data & AI Estate as Service, Unified Domain Semantics, Business Insights and Consumption, to accelerate their Digital journey

At a time of continued innovations and change, imagining and implementing quick solutions depends on an organization's ability to exploit it's internal data assets and leverage valuable information from external sources.

The foundation laid by Cortex combines Infosys' DnA SAP Surround, and data enrichment through connecting to other unique Google Cloud data sources. This overcomes siloes of the past and removes boundaries across fragmented sources of information. Integrating data from related process events or associated business phenomena creates opportunities and possibilities, fast and effectively. Early focus has been on business needs in the CPG, Retail and Manufacturing industry segments. Infosys has used their industry insights derived from their large base of clients to help improve the relevance of these solutions, and their adoption at scale.

Unlock and Accelerate value from your data, with Infosys DNA SAP Surround Solution Offering with the Google Cloud Cortex Framework

There are several challenges businesses face during a major data platform transformation involving SAP and dependent systems.

- Typical challenges with SAP data (data models, elaborate logic, data migration, archived data, SAP specific conversions & transformations)

- Reporting strategy and choice of reporting & visualization technologies

- Data platform architecture strategy (Centralized / Federated / Hybrid etc.)

- Modeling principles, guidelines for data integration across SAP and other data

- A migration approach where needed (operational analytics, reporting rationalization, data)

A combined offering of Google Cloud Cortex Framework + Infosys DNA SAP Surround also enables the amplification of value from data with other rich sources from Google Cloud as well as other external data partners. This is supported by the extended capabilities of a digital data platform with services from Google Cloud.
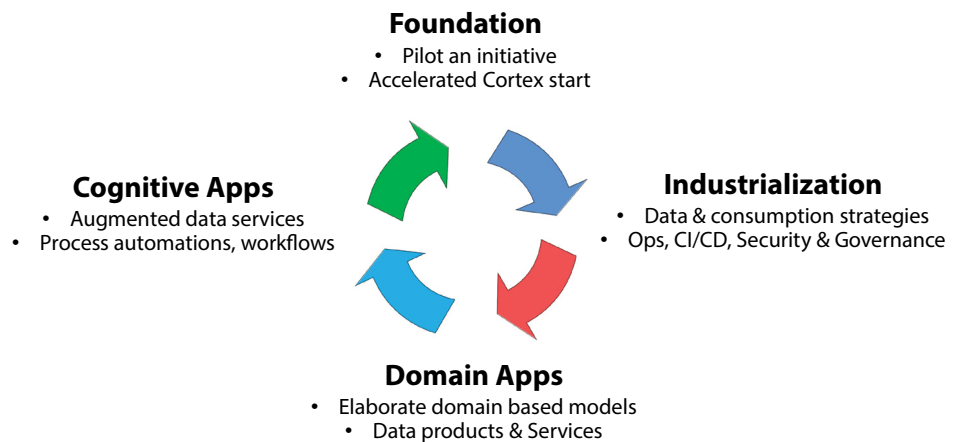
Your business may be at any stage on the SAP roadmap - already at maturity, or on a journey evolving the landscape to the latest offerings from SAP with S/4HANA. Infosys can facilitate a transition on the SAP roadmap without disruption. Infosys' comprehensive offerings help clients make this journey successfully with a coherent tandem between the SAP and Data platform evolutions.

Set the flywheel in motion, generate sustained momentum with Data Led Innovation

The journey can be orchestrated from an accelerated start to a sustained cycle of innovations with incremental steps.

1. Start the journey with a pilot using the packaged content provided by Google Cloud Cortex Framework

2. Industrialize execution and operations to enable a data-driven business

3. Create domain-based data models/data products and apps

4. Provide cognitive capabilities, augmented services, process automations

Momentum created with such a cycle helps a data platform continuously deliver to emerging business needs, evolve new data products and provide the fastest time to value.

Foundation
- Pilot an initiative
- Accelerated Cortex start

Industrialization
- Data & consumption strategies
- Ops, CI/CD, Security & Governance

Domain Apps
- Elaborate domain based models
- Data products & Services

Cognitive Apps
- Augmented data services
- Process automations, workflows

About the Authors

Rajan Padmanabhan
Industry Data Cloud Leader , Infosys

A Seasoned AI Strategist, Technologist and Innovation leader for data led industry innovations to realize a Symbiotic Data Economy.

Srikar T Padiyar
SAP DNA Surround Solution Architect, Infosys

Works with clients on data product roadmaps to implementations, enthusiastically designing data solutions for emerging digital phenomena in businesses.

Simon Brown
Data Analytics GSI Lead, Google Cloud

Simon leads the Data Analytics ecosystem with Google Cloud's GSI partners. By harnessing the power of BigQuery and the Analytics ecosystem, Google Cloud brings Google's leadership in data management to customers globally.

Infosys Cobalt is a set of services, solutions and platforms for enterprises to accelerate their cloud journey. It offers over 35,000 cloud assets, over 300 industry cloud solution blueprints and a thriving community of cloud business and technology practitioners to drive increased business value. With Infosys Cobalt, regulatory and security compliance, along with technical and financial governance comes baked into every solution delivered.

For more information, contact askus@infosys.com

Infosys®
Navigate your next

Infosys.com | NYSE: INFY

Stay Connected