

# Enterprise Data Platform (EDP) QuickStart with Google Cloud Cortex Framework for SAP

## Unlock the Value of your SAP Data



Successful enterprises understand that becoming truly data-driven is at the heart of innovation and transformation. Modern analytics demand self-service, clean and integrated data of many types, and the ability to scale while ensuring strong security controls and data governance. A cloud-based system is the fastest way to realize these benefits.

The modern analytics journey can be intimidating. Enterprises often struggle to balance the desire for quick wins with the skills needed to implement technology correctly—a daunting challenge for most organizations.

Pythian's Enterprise Data Platform (EDP) QuickStart with Google Cloud Cortex Framework for SAP combines your SAP data with external data, cleans and organizes it into Google BigQuery, and makes datasets available for analysis. We can also use your data sources to drive insights using modern business intelligence (BI) tools like Looker, PowerBI, and Tableau.

This simple, streamlined platform allows data integration from different sources to show quick value and expand and scale as needed into a full EDP. This model allows you to see how advanced platform features such as infrastructure as code (IaC), self-healing pipelines, metadata-driven pipeline development, data cleansing, monitoring, and alerting can be applied to your chosen use case. Through this simple and quick end-to-end approach, you can then validate and test, engage users in being data-enabled, and demonstrate the new insights your organization can extract from data—all in less than seven weeks.

Select and align on a use case that results in a valuable business outcome!

### Highlights:

- Logically scale and expand into a production system while protecting your investment.
- Simplify your data so multiple types of users within your organization can leverage it to produce insights.
- Customize your modern, cloud-native Google BigQuery-based analytics platform to work with your data sources and update quickly.
- Start quickly, with your SAP data in your environment accessible and running within days.
- See how you can drive insights with Standard Cortex Dashboards that have Machine Learning integrated.
- Access through your Google Cloud account for full control and transparency.
- Extensible for BI, analytics, machine learning professional services + FinOps, DevOps, DataOps, and MLOps services.

## You can leverage the Google Cloud Cortex Framework for:

### Demand Shaping

Understand the customers and market trends to dynamically adjust segmentation, individualize promotions and generate highly accurate forecasts.

#### Use Cases

Customer Segmentation  
Price & Promotion Planning  
Demand Forecasting

### Sales Analytics

What was the top selling product in the line last quarter, last year? What will be out top selling product next quarter or next year?

#### Use Cases

Sales by Location, Product, Customer  
Sales variance across products  
Sales with open orders or invoices  
Gross & Net Sales

### Order Fulfillment

Know which customer did not receive deliveries on the requested date, and how you can improve customer satisfaction with retention offers or incentives.

#### Use Cases

Model the percentage of orders which are returned or cancelled  
Determine where you have open orders and deliveries  
Understand fill rate and cycle time  
Distribution Analytics

### On-Time In-Full

Understand how to optimize the supply chain by measuring delivery performance through adopting "On-Time in-Full" (OTIF) delivery metrics and analysis.

#### Use Cases

On-time in-full prediction model  
ETA prediction for order delivery  
Predict delivery lead times  
Manage Revenue/Margin impact based delivery & inventory risk

## From Data Silos to Integrated Insights—in Weeks.

### Enterprise Data Platform (EDP) QuickStart with Google Cloud Cortex Framework for SAP features:

Pythian's team of certified Google Cloud and SAP experts can help you realize the power of data, analytics, and the cloud with:

- An end-to-end system that brings together multiple data sources into a Google BigQuery data warehouse and allows customization of dashboards, producing new insights.
- A pilot with a short path to value and allows for scalability and expansion of additional use cases, protecting your investment and building for the future. QuickStart allows you to build and grow.
- The ability to layer data platform features such as infrastructure as code (IaC), self-healing pipelines, metadata-driven pipeline development, data cleansing, monitoring, alerting, and more with your data.

Pythian's EDP QuickStart with Google Cloud Cortex Framework for SAP includes all required data modeling, transformation, integration, cleansing, and organizing to support your specific use case and gives rapid time to value:

- **In two weeks:** Identify whether your SAP data aligns with the Cortex framework to make available through QuickStart.
- **In five weeks:** Provide a scalable Enterprise Data Platform with Google Cloud Cortex Framework for SAP that is ready to use for analytics.

## Options

	Platform options - DaaS (data-as-a-service)	Time to value
Enterprise Data Platform (EDP) QuickStart With Google Cloud Cortex Framework and your SAP data	Workshop – Scope SAP environment effort to implement Cortex.	Two weeks
	Deploy the Cortex framework with Customer BigQuery SAP datasets specific to Cortex on customer Google Cloud account.  Deploy standard Cortex Dashboards using customer data.	Five weeks

Seamlessly extend your Pythian relationship to include the management of your analytics platform with Pythian's DataOps managed service or Pythian's FinOps cloud cost-optimization service. Tap into our brain trust with Pythian's DAC (data, analytics, and cloud) Advisory Service, or bring on our team of data scientists and data engineers to add advanced analytics complete with MLOps.

## Are you analytics-ready?

Not ready to start a pilot yet? Try our [Cloud Analytics Assessment](#) to learn more about starting your analytics journey.

## Enterprise analytics involves the entire enterprise

With Pythian's focus on outcomes, everyone benefits:

- **Analytics professionals:** Using your data and use case(s), see how a Google Cloud data platform will deliver clean, integrated data from multiple data sources, create a single source of truth, and automate many time-consuming data-wrangling tasks. You'll also see how your data can be modeled to support a specific use case, then accessed easily via any SQL-based BI tool to support your self-service BI strategy.
- **Business professionals:** Experience the art of the possible—explore clean, integrated SAP data and find those unique insights that you can use to drive better business outcomes.
- **IT professionals:** See how a cloud data platform with Google Cloud Cortex Framework for SAP can make extract, transform, load (ETL) simple across multiple data sources; how it can use a massively scalable cloud data warehouse to deliver analytics-ready data for the business; and how it can simplify data cleansing and transformation—all on a platform delivered as IaC for speed and simplicity.

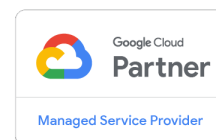
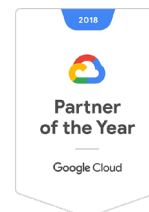
## Your Analytics Journey Starts with Pythian and Ends with a Transformed Business.

### Why Pythian for this project?

- We are a highly experienced SAP partner with over 200 certifications across all hyperscale cloud platforms.
- We have performed many successful SAP integrations using SAP Activate methodology.
- We possess SAP HANA expertise that includes:
  - Specializations in SAP applications and SAP Customer Data Platform.
  - Expertise in all SAP Functional areas combined with modern data analytics tools and capabilities.
  - An SAP PartnerEdge Silver Services partner and SAP-certified application hosting services provider.
  - An SAP Global Database Migration Factory partner. As a Google Cloud Premier, MSP, and Specialization partner, Pythian provides end-to-end services for all Google Cloud solutions.

As the 2020 Google Cloud Specialization Partner of the Year for Data Management, Pythian's native data and analytics competencies are recognized for driving innovative solutions for companies utilizing Google Cloud. Get started today—contact us to discover how Pythian's analytics experts can help you become a truly data-driven organization by aligning your business needs with your data strategy and technology.

\* The EDP QuickStart with Google Cloud Cortex Framework for SAP can be delivered remotely or onsite. Please get in touch with a Pythian representative for onsite workshop delivery.



### Get started with Pythian

Get started with Pythian—Let Pythian accelerate your analytics journey with SAP and Cortex. If you have data, and a desire to use it to create value, contact us now—[info@pythian.com](mailto:info@pythian.com).

[linkedin.com/company/Pythian](https://www.linkedin.com/company/Pythian)

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### ABOUT PYTHIAN

Founded in 1997, Pythian is a global IT services company that helps organizations transform how they compete and win by helping them turn data into valuable insights, predictions and products. From cloud automation to machine learning, Pythian designs, implements and supports customized solutions to the toughest data challenges.

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