



Accelerating Data & Analytics Transformation with Google Cloud

Persistent offers a wide range of ready-to-use assets including pre-built resources, data models, infrastructure templates, and dataflow pipelines that seamlessly integrate with popular sources and destinations. These assets help to showcase the efficiency, scalability, and security of Google's offerings while helping organizations understand how potential solutions fit into their current infrastructure.

Applied Analytics Solution Accelerators

- 1\ Ready-made data models and templates for various industries like HealthTech, FinTech, AdTech, etc.
- 2\ Ready-made IaC templates for deployment automation.
- 3\ Ready-made dataflow pipelines for most popular sources / sinks like Kafka, SQL databases, S3, RedShift, Analytics 360, and many more.
- 4\ Ready-made Looker dashboards for most common visualization options.
- 5\ Ready-made architecture diagrams and best practices for multiple use cases.
- 6\ Ready-made data governance and master data management policies to handle PII, PCI, and PHI data for analytics.



GenAI and Machine Learning

- \ Insights AI
- \ Document AI
- \ Conversational AI (CCAI, Dialog Flow)
- \ Generative AI
- \ MLOps using Vertex AI



Data Lake & DWH Modernization

- \ Data ingestion, transformation and processing for real time and batch use cases
- \ Cloud-native data & Analytics platform
- \ Data lake, Data mesh, Lakehouse architecture



BI Modernization

- \ Embedded analytics
- \ Data distribution using APIs
- \ Visualizations and Analytic dashboards
- \ Migration from traditional BI tools



Hadoop / Soark Migration to Google

- \ Migrate existing Hadoop and Spark workloads to GCP
- \ Serverless Spark



Database Modernization

- \ Migration from On-prem databases to Cloud
- \ Heterogeneous database migration from SQL Server / Oracle to MySQL
- \ Retiring appliances – Teradata, Netezza, Exadata

Solution Acceleration Workshop

A 2-3 day partner-led workshop to delve into common use cases, develop a solution blueprint, and explore practical applications of potential solutions through hands-on lab exercises.

Real-Time Insights

- \ **Day 1:** Explore real-time streaming and ML use cases
- \ **Day 2:** Learn GCP-native services and design solution blueprint for customer-specific use cases
- \ **Day 3:** Hands-on lab exercise for customer team

Serverless Spark

- \ **Day 1:** Explore Hadoop, Teradata, Spark, and ML use cases
- \ **Day 2:** learn GCP Serverless Spark services and design solution blueprint for priority workload
- \ **Day 3:** hands-on lab exercise

Rapid POV

- \ Plan and migrate your AWS EMR, On prem Hadoop / Databricks / Spark workloads
- \ Prioritize your first workload to be migrated
- \ Design workload architecture
- \ Partner-led workload migration (supported by the customer's engineering team)
- \ Small workload / duration = 4–6 weeks
- \ Large workload / duration = 10–12 weeks

GenAI Fast Start Workshop

- \ Structured program to democratize GenAI
- \ Workshop includes:
 - Discovery phase
 - Design phase
 - Build phase
- \ Design your first GenAI workload
- \ Design your first GenAI workload architecture
- \ Deploy your GenAI priority workload in pre-pod
- \ Executive report to build GenAI COE
- \ MLOps using VertexAI (optional)

For more information on our capabilities.

[Visit Us](#)

About Persistent

With over 22,750+ employees located in 21 countries, Persistent Systems (BSE & NSE: PERSISTENT) is a global services and solutions company delivering Digital Engineering and Enterprise Modernization. We work with the industry leaders including 14 of the 30 most innovative companies as identified by BCG, 8 of the top 10 largest banks in the US and India, and numerous innovators across the healthcare and software ecosystems. As a participant of the United Nations Global Compact, Persistent is committed to aligning strategies and operations with universal principles on human rights, labour, environment, and anti-corruption, as well as take actions that advance societal goals.

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