

Google Cloud Generative AI (GenAI) MVP

Accelerate your time to market with highly valuable GenAI solutions.

The advancements in GenAI have been remarkable, thanks to pre-trained models and extensive data. This empowers users to apply models and accelerate their time to market. At Pythian, we understand the power of integrating GenAI seamlessly into your workflows. Our team can assess your specific needs and seamlessly integrate the capabilities of these powerful pre-trained models into your organization.

Pythian can help you leverage the unique AI products and services offered by Google Cloud. Google's Vertex AI, Duet AI, and AutoML are examples of tools and services for rapid GenAI enablement, even if you have minimal data science expertise. Google's Vertex AI provides a unified platform for all your data science operations.

To effectively leverage GenAI, there is a wide range of tools and interfaces available in the market. By choosing Pythian as your partner, you gain access to our expert guidance in assessing where best to apply GenAI and get started.

See a prioritized GenAI use case working with Google Vertex AI within 4 weeks!

Speed your time to market around highly valuable use cases like Enterprise Search, Conversational AI, and Code Generation among others!



Highlights

- Identify a use case for GenAI implementation.
- Implement the GenAI MVP for an existing or net new environment.
- Inform on GenAI support for your prioritized use case.

The Pythian Google GenAI MVP includes:

Design & Plan Phase (2 weeks)

- Conduct a high value evaluation on potential applications of GenAI.
- Identify the use cases specific to your business, which are the prime candidates for GenAI application. Prioritize the use case factors including data availability, pre-trained model fit and organization AI/ML expertise level.
- Select and document Customer dataset(s), as well as the deployment environment for the use case prioritized during the MVP implementation.
- Deliver recommendations with a high-level technical solution for a GenAI MVP with Vertex AI (and recommendations for next steps).

Implement a GenAI MVP with Vertex AI (2-3 weeks)

- Implementation of the GenAI MVP, using Vertex AI, with Customer selected data.
 - Additional week of Google Cloud Platform (GCP) set up in an appropriate test MVP install environment with blanket security.
- Documentation of the model and code in a GitHub repository.
- Demonstration of the GenAI MVP and how recommendation progression will take place.

Key Outcomes:

- Identify a suitable candidate for GenAI implementation.
- Implement the GenAI MVP in an existing or net new environment.
- Demonstrate a roadmap, and next steps for GenAI to support the prioritized use case.

With Pythian's focus on achieving business outcomes, all stakeholders in your initiative will realize benefits:

- **Executive leadership:** As an organizational leader responsible for integrating Generative AI among other data-driven solutions, you can get started on the right GenAI initiative and start realizing outcomes.
- **Business user/domain expert:** Land on business outcomes for your GenAI use cases faster and in a more focused manner, aligned with strategy and business direction.
- **Data scientist/analytics user:** Have appropriate Google GenAI tools, such as Vertex AI and Duet AI, to further your AI/ML projects and improve your path to success.

Get on the right path to achieving desired business outcomes through advanced analytics.

Why choose Pythian as your Google Cloud GenAI and AI/ML partner?

As a Google Cloud Premier partner and MSP, Pythian has demonstrated proficiency through the achievement of multiple specializations and expertise across industries and solution areas. These validated competencies demonstrate the highest level of mastery within the Google Cloud ecosystem. While we have a strong focus on professional services, if you're just starting out with Google Cloud we can grow with you by monitoring and supporting your Google Cloud environment on a daily basis, so that when you're ready we can help you find innovative solutions to meet your business goals.

Unmatched expertise—from ETL to AI/ML and everything in between

Your analytics journey requires a broad range of skills and experience. Pythian's 26 years of proven expertise in data and data strategy, database and data warehousing architecture, artificial intelligence (including GenAI), machine learning and other advanced analytics will help you combine data and technology into innovative and impactful business solutions.

A flexible partner for the entire journey

Your data journey doesn't end with a GenAI MVP. We'll help you at every point on your data journey, from evaluating where best to apply AI/ML to progressing through the stages of maturing advanced analytics from Design & Plan to MVP and scale further with MLOps and production implementation. We are here to support your organization in turning your data into insights, help with data governance and security, and keep your data flowing 24 hours per day, 365 days per year.

Highly cost-effective

A system is more than the sum of its people. From the push-button deployment of integrated infrastructure to dynamic schema evolution to dashboards that monitor and alert on anomalies, Pythian's team brings a technology portfolio to enhance and expedite your data journey cost-effectively.

Exceptional support

Every Generative AI initiative has many moving parts. To keep things moving smoothly and efficiently, Pythian has coupled proven methodologies with a dedicated, experienced project manager for every project to ensure delivery of the agreed-upon outcomes within the committed time frame.

Synergistic services

Pythian's support doesn't stop once your GenAI MVP is up and running. Let us effectively manage your analytics platform with our AI/MLOps, FinOps cloud cost-optimization or DataOps managed services.

While we have a strong focus on professional services, if you're just starting out with Google Cloud we can grow with you by monitoring and supporting your Google Cloud environment on a daily basis, so that when you're ready we can help you find innovative solutions to meet your business goals.

Get Started with Pythian.

If you'd like to unlock the ability to quickly develop Generative AI and AI/ML in areas the industry is moving, get Pythian services working for you. Our AI/ML services are foundational and include AI/ML Workshop, AI/ML POC, GenAI Workshop, Google GenAI MVP, moving through to MLOps and more. Our approach allows you to leverage the power of large language models (LLMs) and GenAI capabilities where applicable. Contact us at <https://www.pythian.com/contact> to get started.



About Pythian

Founded in 1997, Pythian is a data and analytics 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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Pythian

love your data