

# Pythian Solutions for Microsoft

Benefit from a range of services that help you plan, implement, and manage your Microsoft environment—on the cloud or on premise. From migration services that get you up and running on Microsoft Azure, to Data services for analytics that result in better business outcomes, to DevOps that set your software to market faster—Pythian can help.

With Pythian solutions for Microsoft, we can help you overcome a range of challenges, and deliver better business value. We help companies around the globe increase productivity and transform workplaces into innovative businesses. As a Microsoft Certified Partner, we have extensive experience planning, implementing, and managing Microsoft's industry-leading cloud, data management, and business analytics offerings.

*"With 100 million guests and more than 32,000 live events every year, we were swimming in data. Pythian has played a key role in helping us manage and make use of this trove. Their Enterprise Data platform on Azure empowers us to, among other things, cut costs, integrate our ticketing and sales data, and better target our marketing efforts. Thanks to Pythian and Azure, we finally have the big data partners we need to support our growth."*

**—Richard Battersby, Vice President, Business Intelligence & Digital Analytics at AEG Worldwide**

Microsoft  
Partner



Gold Cloud Platform  
Gold Data Platform  
Gold Data Analytics  
Gold Datacenter  
Gold Application Development

Pythian<sup>®</sup>  
love your data<sup>®</sup>

# Pythian Solutions for Microsoft

Our team members hold multiple Microsoft certifications with experience spanning the entire Microsoft ecosystem. With Pythian on your team, you'll have the industry's best talent working to help you develop and refine your strategy, adopt technologies, execute your roadmap, and optimize service quality on an ongoing basis.

## Data Enablement

We offer solutions from data strategy consulting to a fully-managed solution that converts multiple data streams into business value. Our "white glove" approach means you get results that are fully aligned with your business goals. We combine the latest technologies (cloud, analytics, automation and machine learning) with our unique combination of tech- and business-savvy expertise to deliver insights, automate processes and enhance your products.

## Software Velocity

Our software velocity solution helps you deliver scalable, world-class customer experiences faster—with reduced risk. We'll help you adopt a continuous delivery methodology, powered by smaller change cycles, rigorous automated testing, and operational visibility, allowing you to run more experiments at significantly lower cost.

## Reliable, scalable IT

We can help you deliver increased service levels with a scalable, agile, and flexible IT infrastructure. Our teams understand all aspects of your infrastructure—from the network through to the data. We have deep knowledge of data, cloud, system reliability, security, and automation—and we can draw upon that shared knowledge to help you optimize your IT infrastructure.

## Certifications and Awards

- Microsoft Cloud Solutions Architect
- Microsoft Specialist: Design and Implement Cloud Data Platform Solutions
- Microsoft Silver Cloud Platform Partner
- Microsoft Silver Cloud Platform Partner Microsoft Certified Professional
- Microsoft Certified Solutions Associate (MCSA): Windows Server 2012
- Microsoft Certified IT Professional - Enterprise Administrator (MCITP) Windows 2008
- Microsoft Certified Technical Specialist (SharePoint 2007 - Configuration)
- Microsoft Certified Systems Engineer (MCSE Windows 2000 and 2003 - Messaging)
- Microsoft Silver Cloud Competency
- Microsoft Certified Master
- Microsoft Certified Systems Administrator
- Microsoft Certified Solutions Expert
- Microsoft Certified Master and Architect: Microsoft SQL Server
- Microsoft MVP: SQL Server
- Microsoft Certified Systems Administrator
- Microsoft Certified Solutions Expert for SQL Server
- Microsoft Certified IT Professional: Exchange Server
- Microsoft Certified IT Professional: Enterprise Administrator Windows

- Microsoft Certified Solutions Associate: Windows
- Microsoft Certified Technology Specialist: Windows
- Microsoft Certified Systems Engineer: Windows

## Technical Expertise

- Microsoft Azure
- Microsoft Azure SQL Database
- Microsoft Azure HDInsight
- Microsoft Azure DocumentDB
- Microsoft Azure Machine Learning
- Microsoft PowerBI
- Microsoft SharePoint
- Microsoft SQL Server (all versions)
- Microsoft SQL Server Integration Services (SSIS) and ETL development
- Microsoft SQL Server Analysis Services
- Microsoft SQL Server Reporting Services (SSRS)
- Microsoft System Center
- Microsoft Windows
- Microsoft Windows Software Update Server
- Open Source on Microsoft Azure
- SQL Server on Linux
- Linux on Azure
- Microsoft Azure SQL Datawarehouse

# Expertise

By keeping customers needs front of mind, Pythian is able to deploy the disruptive technologies that can improve competitive advantage, reduce costs, and improve customer experiences. But staying on top of emerging technologies and knowing how to implement and manage them is extremely challenging for most companies. That's where Pythian comes in.

**Our experts can help you assess, implement, and continuously optimize solutions in the following areas:**

## Cloud

Whether you're already operating in a public, private or hybrid cloud environment, or considering a move to the cloud, Pythian can help. Our cloud consultants have more than 200 years' combined experience building and managing high availability and extreme-scale systems and data environments. We have extensive experience migrating applications, platforms, and data to Microsoft Azure and building new cloud services.

## Database

Ensuring your database systems operate at peak performance and scale smoothly is no small feat. Pythian offers Microsoft database solutions and services optimized for on premise, private cloud, and Azure-based environments. Pythian's expert DBAs can help alleviate skill shortages, improve response times, increase performance and availability, while reducing operating costs and risk.

## Big data

Azure HDInsight, Microsoft's Hadoop distribution powered by the cloud, helps organizations increase agility

and innovation while reducing inefficiencies. Yet very few companies have the in-house expertise needed to build a Hadoop production cluster and integrate it with their existing data structure. Pythian does. Our big data solutions and services team has extensive expertise with Azure HDInsight, Azure DocumentDB, and Microsoft Analytics Platform System (APS). We can help you implement and operate an effective big data solution today.

## DevOps

Pythian DevOps transformation services will evaluate your existing IT environment, create an agile application lifecycle, and manage the operational health of your applications and services. The result is remarkable operational excellence and availability at any scale, and the ability quickly launch new services and capabilities that meet business and customer needs.

## Advanced analytics

Pythian's advanced analytics team works collaboratively with your team to understand your needs and create models that unlock the real value of your data. We work with Microsoft Azure, Azure Machine Learning,

Microsoft Analytics Platform Services, and Power BI to deliver custom data science solutions tailored to your specific intelligence needs, data sets, and application environment.

## Infrastructure Management

Pythian site reliability engineers excel at building and managing highly intricate systems. Our extensive experience with advanced technologies and best practices to deliver consistency, repeatability, and predictability. Working with Microsoft Windows and Microsoft Azure, we design, deploy, and maintain highly optimized systems that can quickly adapt to changing business conditions.

## Kick Analytics as a Service

Kick AaaS is a fully managed cloud-based solution, implemented on Microsoft Azure, that focuses on aggregating all your data and using it to deliver the insights and data products that are specific to your needs. It's the quickest way to put the power of data in the hands of everyone—from business users to data scientists and even customers.

## Don't know where to start?

**Pythian has standard review processes that help establish a baseline and give you the information you need to prioritize establish data infrastructure priorities.**

- Performance review
- Database server health check
- Oracle to SQL migration assesment
- Best practices and configuration health check
- Security review
- Backup and recovery review
- DevOps maturity audit
- Data Analytics workshop

# The Pythian Advantage

Pythian's extensive knowledge and solutions for Microsoft can help you alleviate skill shortages, improve response times, increase performance and availability using solutions customized for your current and planned business needs.

## Microsoft expertise and innovation.

We regularly participate in Microsoft beta programs, special development projects, and product release activities. Our top-calibre team includes Microsoft MVPs and MCMs, published authors, sought-after speakers, frequent bloggers, and more.

## Application lifecycle services.

Pythian offers a full set of customizable application solutions and services, including architecture planning, design, implementation, migration, and operations.

## Traditional to advanced Microsoft environments.

Our expertise encompasses all environments from on-premise and legacy, to private and public cloud solutions.

## Specialized teams.

We match skilled specialists to your unique requirements, so you benefit from having experts on your team who are committed to your project and business objectives.

## Flexible, low-risk contracts.

Your subscription to Pythian CloudRamp services lets you mix and match the services you need, month to month, so you get the right talent when you need it.

## Best-in-class security.

Our mature methodologies and industry-leading tools—including our award-winning Adminiscope™ privileged access management solution—ensure your data and systems are never tampered with.

## Complete transparency.

Our up-to-the minute reporting and tracking tools let you see exactly where your time is being invested.

## Multiple engagement models.

We will work with your in-house team or become your team for a specific project—either way you can choose a customized engagement model that best suits your skills and resources.



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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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