



PYTHIAN DATABASE MANAGED SERVICES

Customized consulting, implementation and management services that ensure a reliable, scalable and efficient database environment for your business

HIGHLIGHTS

- Reduce your costs by using your resources more efficiently
- Boost operational performance and efficiency
- Scale your systems to accommodate future growth
- Prevent costly downtime with proactive expert care
- Add or reduce capacity as your needs change
- Get access to cloud expertise—we are ready when you are

Your data is your competitive edge. It's what differentiates you. A robust foundation at the database level is essential to developing applications and strategies that can take your business to the next level. It's also why it requires expert management from a reliable partner. To get back to what matters most to your business, start by talking to us about Pythian's Database Managed Services. With Pythian as your partner, you can be confident that your most valuable asset is always available, optimized and secure.

Pythian Database Managed Services offer remote and on-site DBA services for traditional and emerging database technologies, on-premises or in the cloud. Our elite teams of database architects, engineers, and administrators provide 24/7 comprehensive, proactive, expert support for all database management activities.

Our team-based approach frees you to focus on the projects that really matter to your business and deliver them faster and more cost-effectively. Whether you need full-time operational support, specific expertise for project work, or you just need to fill a skills gap in your own team, Pythian experts are ready to solve your biggest database challenges.

Pythian's open-scope service model allows you to choose what you need—from initial consulting to system design and architecture, hands-on technical implementations, through to ongoing 24/7 incident handling and proactive management. This flexibility of service ensures the optimal performance and efficient operation of your databases, middleware and applications. Anywhere, anytime—in the cloud or on-premises.

PYTHIAN DATABASE MANAGED SERVICES INCLUDE:

- Remote DBA and on-site DBA services
- 24/7 monitoring, problem resolution, root cause analysis and corrective actions
- Proactive health checks
- Patch selection and installation (including monthly/quarterly release patches, security patches, interim bug-fix patches, etc)
- Data access and security configuration and best practice recommendations
- Performance tuning
- Database monitoring
- Configuration and testing following database changes
- Troubleshooting and problem resolution
- Resolution of data load performance issues
- Troubleshooting of job failures
- Minor modifications to existing workflows
- Detailed architecting, design and build
- High Availability and Disaster Recovery planning
- New feature implementation
- Security assessments and database hardening/lock-down initiatives
- Major platform release upgrades

And more...

DATABASES WE SUPPORT:

RDBMS

- Oracle
- Microsoft SQL Server
- MySQL
- Postgres

NOSQL

- MongoDB
- Cassandra
- HBase

CLOUD DATABASES

- OCI DBCS
- OCI ADB
- Amazon RDS
- Amazon Aurora

GET ACCESS TO CLOUD EXPERTISE—WE ARE READY WHEN YOU ARE

Whether your business is already in the cloud, ready to move to the cloud or somewhere in between—Pythian is your trusted service partner. Your dedicated Pythian team will include cloud experts who will provide valuable advice and consulting in:

- Cloud solution development (including cloud vendor selection support)
- Cloud platform selection: IaaS vs DBaaS
- Cloud platform testing and validation
- Cloud migration
- Resource optimization for cost savings and capacity planning
- Cloud solutions operational support
- Cloud advisory and change management services

We do this all while maximizing your cloud investment to ensure cost efficiency, scalability and high availability.

- MS Azure SQL Database
- MS Azure Cosmos DB
- Google Cloud Datastore
- Google Cloud Spanner
- Google Cloud SQL
- Google Cloud Bigtable

DATA LAKES/DATA WAREHOUSE

- Hadoop/Spark
- Amazon Redshift
- MS Synapse Analytics
- MS Azure Data Lake Storage
- Google BigQuery
- Oracle Autonomous Database

WHY PYTHIAN?

AN EXTENSION OF YOUR TEAM

No matter where your organization is based, we can bring our experts to work with your team either on-site or remotely using a secure delivery framework, and a highly collaborative partnering approach with transparent processes and up-to-the-minute reporting to ensure you are kept informed about your systems' health at all times.

DEEP DATABASE EXPERTISE

Pythian's dedicated DBA teams have access to two millennia of combined experience and can address any problem quickly and efficiently. Our breadth of knowledge is available to you today and as you add, retire or migrate your various databases as your organization changes.

RISK-FREE SERVICES CONTRACTS

Not only can Pythian get you to your database and business goals faster and with less aggravation, but you can do it on your terms: our flexible, risk-free DBA packages and 30-day contracts means you can mix and match services from month to month without worrying about commitment.

SAMPLE PROJECTS

- Implemented Oracle Data Guard backup and recovery strategies and methods using the native RMAN tool to ensure business continuity and protection of critical data, saving \$10 million dollars by retiring a vendor tool.
- Performed a massive database upgrade and migration quickly with minimal downtime for a large manufacturing organization, saving them more than \$1 million in annual maintenance costs, beating their downtime window by 4 hours, improving business process speeds by 4x, and increasing capacity by 60 percent.
- Helped a company save approximately \$4M on storage, licensing, support, and administration by consolidating disparate application databases and legacy systems to an enterprise data warehouse.
- Designed and configured a disaster recovery site for a North American natural gas and electricity retailer using Always-On Availability Groups for SQL Server 2012 Enterprise Edition, ensuring zero data loss during a failover.
- A leading business news publisher, with an average daily readership of more than two million, hired Pythian to resolve complex performance issues with their Cassandra infrastructure they already had in place. Not only did our Cassandra experts fix the performance issues, but they provided guidelines that will help the client get the most out of their Cassandra infrastructure.
- A presidential campaign required management of database operations. Pythian provided MySQL support in Amazon RDS and multi-region Amazon EC2. To ensure the success of campaign database operations, we provided operational support, change and release management, emergency needs 24/7 plus real-time support.



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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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V01-052020-NA

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