

# Data Modernization with Neal Analytics

## On-premises PostgreSQL to Azure database migration

According to Gartner, 75% of databases will be in the cloud by 2022.

Gartner goes on to add that the main driver for migrating data to the cloud is to capture superior analytics and to take advantage of the pay as you go model.

This brochure is designed to help your organization understand the benefits of migrating on-premises PostgreSQL to Azure database for PostgreSQL.

Contact us:  
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Modernize your data

Make better decisions, quicker

## Why migrate PostgreSQL to the cloud?

Cloud providers like Microsoft Azure offer affordable, flexible cloud resources with virtually unlimited scalability. This, combined with a portfolio of Microsoft and partner-created cloud analytics solutions makes Azure an ideal destination for database migrations of all types.

### Benefits of Azure database for PostgreSQL

- Eliminate down time with Microsoft's 99.99% uptime SLA
- Gain the flexibility to scale resources up and down with autoscaling
- Gain ongoing database optimization suggestions via intelligent performance recommendations
- Tight integration with other Azure services such as Azure App Service and Azure Kubernetes Service
- Support for Hyperscale which allows prompt scaling to hundreds of nodes
- The Azure arc-enabled data services allow you to run Azure on the infrastructure of your choice
- The security of the cloud, plus enhanced security capabilities via Azure Advanced Threat Protection functionality



Gold Data Analytics  
Gold Cloud Platform  
Gold Datacenter  
Partner of the Year Winner  
Business Analytics Award  
Partner of the Year Finalist  
App Innovation Award  
Big Data and Analytics Award



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## On-premises PostgreSQL to Azure database for PostgreSQL

### Why Azure? Why not Amazon Web Services

Microsoft Azure and Amazon Web Services (AWS) both provide cost effective, scalable, and high-performance cloud infrastructure perfect for PostgreSQL databases. That said, organizations already leveraging Microsoft Azure, or that are looking to move to Azure, stand to gain the most by leveraging Azure database for PostgreSQL.

By keeping data within the same platform as the apps and users who leverage it, organizations typically experience a far less complex migration and integration process, leading to improved security, performance, and flexibility for future innovations and integrations.

### Why Neal Analytics?

Neal Analytics is a cloud, data, and AI Microsoft Gold consulting partner supporting data-driven transformation initiatives from data strategy to solution design, architecture, development, operationalization, and support. Our expertise spans across migration and modernization, data science, AI/ML, IoT, edge computing, BI, application development, and RPA.

With a focus on right-sized and pragmatic approaches towards digital transformation, Neal leverages Agile methodologies and flexible engagement models to deliver measurable customer value.

### How can we get started?

The first step to any successful cloud migration project is to create a plan. To get started, Neal Analytics recommends potential customers engage us for a 1-day quick start planning workshop. [Contact us](#) to learn more.

## Frequently Asked Questions

## Example data modernization roadmap planning strategy

