

Five steps to jump-start your cloud DBA journey

Get ready—your databases are moving to the cloud. The cost, efficiency, and scalability of moving to the cloud are too great for any company to ignore. What does that mean for you as a DBA? If you're using Azure SQL, it means a fully managed database that automates updates, provisioning, and backups so you can focus on application development. It means your apps having data protection, no down-time, and built-in machine learning to continuously tune performance. Here are some simple ways to get started.

Want to take a deeper dive into the life of a cloud DBA? Check out our [guide](#).

1

Grow your database knowledge

If you specialize in a subset of database technologies, it's time to branch out. The cloud enables a wide range of data formats and platforms, and a solid grasp of that variety will help you design the optimal database ecosystem for your organization.

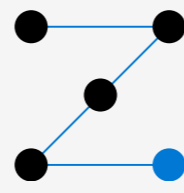


- [See](#) your full range of options.
- [Learn about](#) working with relational data in the cloud.
- [Learn about](#) working with NoSQL and non-relational data in the cloud.
- [Learn about](#) cloud-based data warehouses.

2

Learn how to get your data to the cloud

In the move to the cloud, DBAs are often responsible for helping to get data from here to there. These resources will help you learn the basic processes as well as the easiest paths.



- [Migrating relational data](#) to the cloud.
- [Migrating to a cloud-based](#) NoSQL database.
- Ready to migrate? [Learn more](#).

3

Learn to manage costs

Cloud costs are directly tied to utilization, so they'll become a part of your day-to-day work as a DBA—no more three- to five-year refresh cycles. Knowing how usage affects your monthly bill will become critical.



- [Get an overview](#) of managing cost in the cloud.
- [See cost details](#) for relational cloud databases.
- [See cost details](#) for non-relational cloud databases.

4

Skill up

Cloud databases include a wealth of capabilities and are limited only by your knowledge. To strengthen your impact as a cloud DBA, consider growing your skills in the following areas:



Data movement
[Learn more](#)



Cost optimization
[Learn more](#)



Performance tuning
[Learn more](#)



Data-driven business outcomes
[Learn more](#)



Database optimization for applications
[Learn more](#)



Cloud security and governance
[Learn more](#)



Cloud architecture
[Learn more](#)



Azure networking
[Learn more](#)

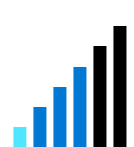
5

Broaden your horizons

The cloud can be a real career boost for DBAs because it's so much easier to focus on value-added activities. Here's a selection of areas to explore with hands-on labs from Microsoft. Note that these experiences may require signing in with a Microsoft account (you can create one for free).



App modernization
Azure SQL Managed Instance offers near 100% SQL Server compatibility with the benefits of PaaS.
[Learn more](#)



Big data
Try your hand at using Hadoop to create a corporate data model.
[Learn more](#)



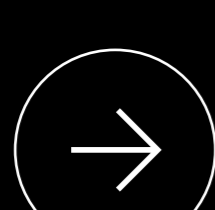
Intelligent insights
Discover how you can help people get more value from data using Azure Analysis Services.
[Learn more](#)



Smart security
Learn about the layers of protection, built-in controls, and intelligent threat detection in Azure SQL.
[Learn more](#)



AI and machine learning
Blur the line between DBA and data scientist with powerful pre-built tools for AI.
[Learn more](#)



Get the full guide to becoming a cloud DBA

Get the guide

Find out about the evolving role of DBAs.
[Learn more >](#)