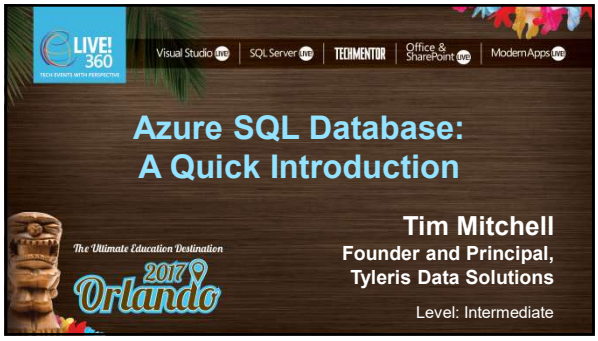

Azure SQL Database: A Quick Introduction

- What is Azure SQL DB?
- Benefits
- How to use it
- Demo

About the Presenter

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- Business intelligence
- Data warehousing
- ETL
- Analytics
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WHAT IS AZURE SQL DB?

What is Azure SQL DB?

- Cloud-based relational database
- DBaaS

What is Azure SQL DB?

- Subscription-based pricing
- Scale up to 1TB per database

BENEFITS

Benefits of Azure SQL DB

Time

- From zero to database in seconds
- No hardware to buy or software to install

Benefits of Azure SQL DB

Cost

- No upfront hardware/software cost
- Pay for what you need
- Scale up without new hardware purchase

Benefits of Azure SQL DB

Simplicity

- Seamless upgrades
- Automatic backups
- Local or geographically dispersed redundancy

Benefits of Azure SQL DB

Compatibility

- Minimal learning curve
- Tools
- Feature set is very similar to on-prem SQL Server
- Easy to move data in and out

HOW TO USE AZURE SQL DB

How To Use Azure SQL DB

Set it up

- Create using the portal
- Create using Powershell
- Servers -> databases

How To Use Azure SQL DB

Connect

- Same method as on-prem connection
- SSMS

How To Use Azure SQL DB

Use

- Just another SQL connection
- Firewall / IP filtering

DEMO

Resources

- Free trial: https://azure.microsoft.com/en-us/free/
- Azure DTU calculator: http://dtucalculator.azurewebsites.net/