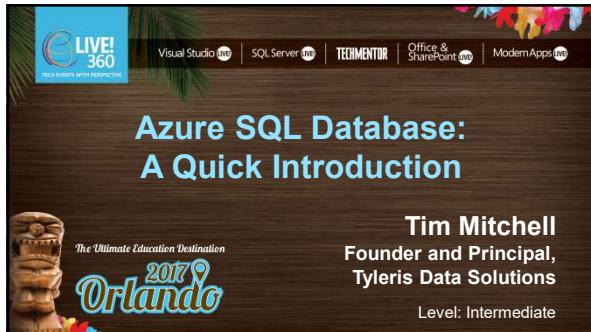


Live! 360 Orlando 2016



Azure SQL Database:
A Quick Introduction

Tim Mitchell
Founder and Principal,
Tyleris Data Solutions

The Ultimate Education Destination
Orlando 2017

Level: Intermediate

This slide is for the session "Azure SQL Database: A Quick Introduction" at the Live! 360 Orlando 2017 conference. It features a wooden background with palm trees and colorful streamers. The title is "Azure SQL Database: A Quick Introduction". The presenter is Tim Mitchell, Founder and Principal of Tyleris Data Solutions. The slide is labeled as "The Ultimate Education Destination" and "Orlando 2017". The level is listed as "Intermediate".

Azure SQL Database: A Quick Introduction

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



About the Presenter

Tim Mitchell



- Data architect
- Consultant
- Microsoft Data Platform MVP
- Dallas, Texas area
- TimMitchell.net
- @Tim_Mitchell

Tyleris Data Solutions



- Data architecture
- Business intelligence
- Data warehousing
- ETL
- Analytics
- Tylens.com



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/>

