

# Data AI: SQL Server on Azure Virtual Machines (IaaS) 1 Day

## WorkshopPLUS

**Duration:** 1 Day | **Focus Area:** Business/IT Alignment | **Level:** 300

SQL Server on Azure Virtual Machine offers full control of the VM and SQL Server. It enables the simplest cloud migration path for SQL Server workloads. SQL Server images on Azure market place are tuned for best performance by SQL Server team according to the workload type. SQL IaaS Extension is installed on each

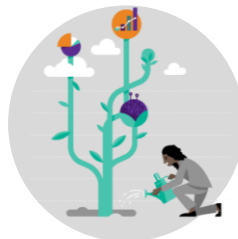
SQL VM created through Azure Market Place by default which offers new features like managed backup, automated security patching, connectivity configuration etc. This workshop is targeted at SQL Server Administrators who would like to explore and learn the SQL Server IaaS capabilities.

### OUTCOMES



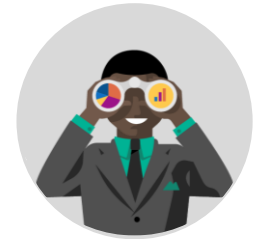
#### Skills

Gain comprehensive understanding of the features and capabilities of SQL Servers running on Azure VMs.



#### Best Practices

Learn reliable methods and best practices of managing SQL Servers running on Azure VMs.



#### Way Forward

Take what you've learnt in the classroom and apply it to your unique business needs.

### PREREQUISITES

Participants that have good experience performing SQL Server administration activities will gain the most from this experience.



#### Recommended Qualifications

- SQL Server administration experience
- Azure deployment experience



#### Hardware Requirements

- An Intel Core-i5-based PC
- 4 GB RAM
- 128 GB HDD
- Windows 7 SP1 or later
- Office 2013 Professional Plus
- Internet access with at least 1 Mbps bandwidth per student

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## AGENDA

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Duration: 1 day

START

DAY 1

End

*Azure and Azure IaaS Fundamentals*

*SQL Server on IaaS*

*SQL Server security*

*Best Practices for SQL  
Server on IaaS*

*New Features for SQL  
Server on Azure IaaS*

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## SYLLABUS

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### Module: Azure and Azure IaaS Fundamentals

- Azure Fundamentals
- Azure IaaS Fundamentals

### Module: SQL Server on IaaS

- Considerations for SQL on IaaS
- Platform Options
- IaaS Scenarios

### Module: SQL Server Security

- General Data Protection Regulation (GDPR)
- Understand SQL Server Security Features

### Module: Best Practices for SQL Server IaaS

- Understanding designing for shared systems
- Performance tuning and best practices for IaaS

### Module: New Features for SQL Server on Azure IaaS

- Migration option for end of support
- New Features for SQL Server on IaaS

**NEXT STEPS:** If you are interested in running SQL Servers on Azure Virtual Machines (IaaS), contact your Henson Group representative.