

## Azure Day-3 Handson-1

### Screenshots :

The screenshot shows the Microsoft Azure portal interface for creating a new SQL database server. The URL is <https://portal.azure.com/#create/Microsoft.SQLServer>. The page title is "Create SQL Database Server". The "Basics" tab is selected. In the "Project details" section, the subscription is set to "Azure Pass - Sponsorship" and the resource group is "DineshRg\_21July2021". The "Server details" section shows the server name "dineshrg" and location "(US) East US". The "Administrator account" section is partially visible. At the bottom, there are "Review + create" and "Next : Networking >" buttons.

This screenshot is identical to the one above, but it includes validation messages for the server name "dineshrg": "Server name should not contain reserved words." and "The specified server name is available."

This screenshot shows the same creation process but with a different server name, "dineshcognizant". The validation message for this name is also present: "Server name should not contain reserved words." and "The specified server name is available."

Create SQL Database Server - Microsoft Azure

portal.azure.com/#create/Microsoft.SQLServer

Microsoft Azure

Search resources, services, and docs (G+)

dineshbala@916163@ou..  
DEFAULT DIRECTORY

Home > SQL servers >

SQL servers Default Directory

+ Create Manage view ...

Filter for any field...

Name ↑

No SQL servers to display

Try changing your filters if you don't see what you're looking for.

Learn more ⓘ

Create SQL server

Create SQL Database Server

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription \* Azure Pass - Sponsorship

Resource group \* DineshRg\_21July2021

Create new

Server details

Enter required settings for this server, including providing a name and location.

Server name \* dineshcognizant .database.windows.net

Location \* (US) East US

Administrator account

Server admin login \* dinesh

Password \* \*\*\*\*\*

Confirm password \* \*\*\*\*\*

Review + create Next : Networking >

Type here to search

Microsoft Azure

Search resources, services, and docs (G+)

dineshbala@916163@ou..  
DEFAULT DIRECTORY

Home > SQL servers >

SQL servers Default Directory

+ Create Manage view ...

Filter for any field...

Name ↑

No SQL servers to display

Try changing your filters if you don't see what you're looking for.

Learn more ⓘ

Create SQL server

Create SQL Database Server

Basics Networking Additional settings Tags Review + create

Configure networking access for your server.

Firewall rules

Allow Azure services and resources to access this server Yes No

Review + create < Previous Next : Additional settings > Next : Additional settings >

Type here to search

Create SQL Database Server - Microsoft Azure

portal.azure.com/#create/Microsoft.SQLServer

Microsoft Azure

Search resources, services, and docs (G+/)

dineshbala@916163@ou..  
DEFAULT DIRECTORY

Home > SQL servers >

SQL servers

Default Directory

+ Create Manage view ...

Filter for any field...

Name ↑

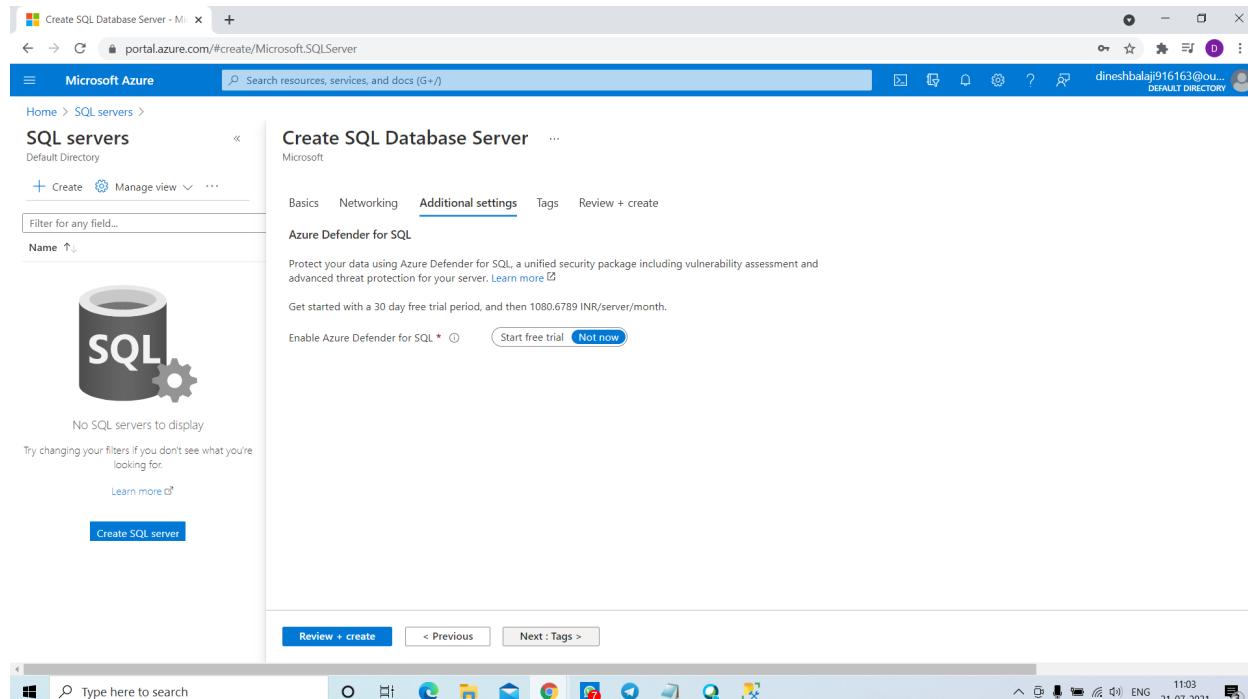
No SQL servers to display

Try changing your filters if you don't see what you're looking for.

Learn more ⓘ

Create SQL server

Review + create < Previous Next : Tags >



Create SQL Database Server - Microsoft Azure

portal.azure.com/#create/Microsoft.SQLServer

Microsoft Azure

Search resources, services, and docs (G+/)

dineshbala@916163@ou..  
DEFAULT DIRECTORY

Home > SQL servers >

SQL servers

Default Directory

+ Create Manage view ...

Filter for any field...

Name ↑

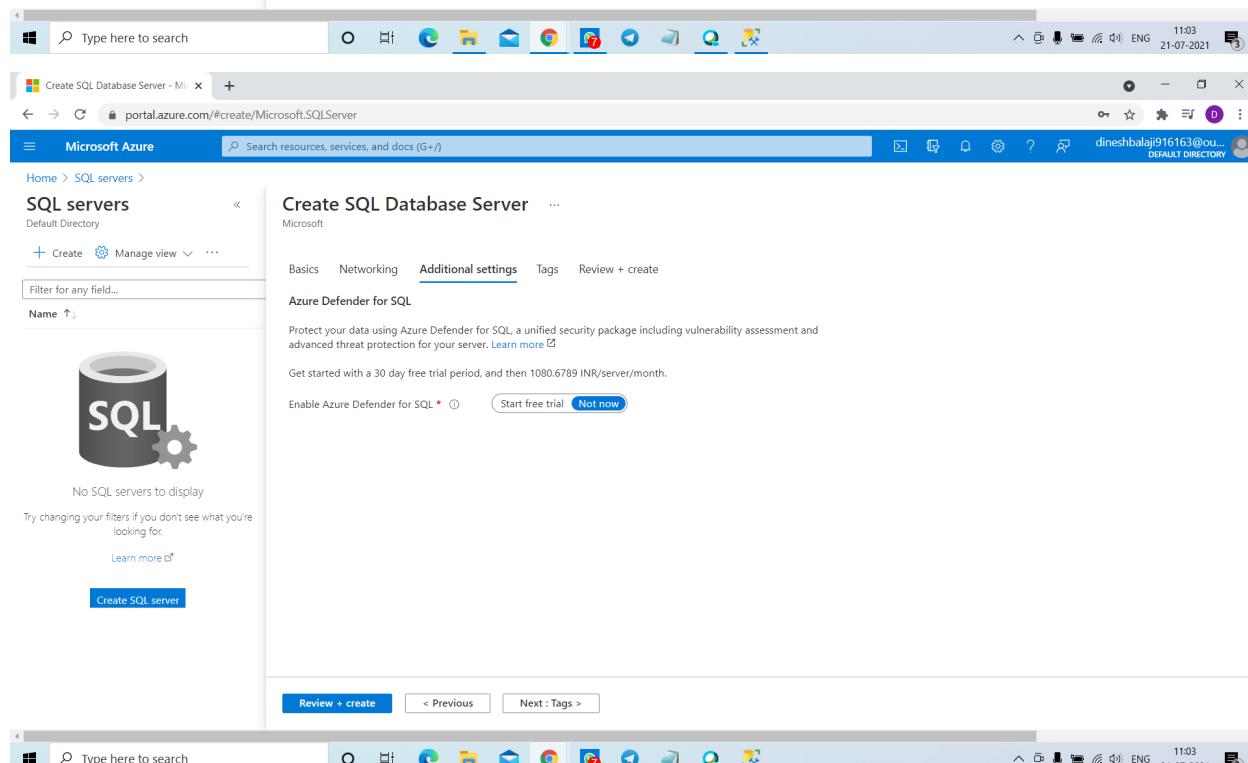
No SQL servers to display

Try changing your filters if you don't see what you're looking for.

Learn more ⓘ

Create SQL server

Review + create < Previous Next : Tags >



**Create SQL Database Server - Microsoft Azure**

portal.azure.com/#create/Microsoft.SQLServer

Microsoft Azure

Search resources, services, and docs (G+/)

dineshbala@916163@ou..  
DEFAULT DIRECTORY

Home > SQL servers >

**SQL servers**

Default Directory

+ Create Manage view ...

Filter for any field...

Name ↑

No SQL servers to display

Try changing your filters if you don't see what you're looking for.

Learn more ⓘ

Create SQL server

**Create SQL Database Server**

Microsoft

Basics Networking Additional settings Tags Review + create

Tags are name/value pairs that enable you to categorize and view consolidated billing by applying the same tag to multiple resources and resource groups. [Learn more](#)

Note that if you create tags and then change resource settings on other tabs, your tags will be automatically updated.

Name	Value	Resource
		SQL database server

Review + create < Previous Next : Review + create >

Type here to search

Microsoft Azure

Search resources, services, and docs (G+/)

dineshbala@916163@ou..  
DEFAULT DIRECTORY

Home > SQL servers >

**SQL servers**

Default Directory

+ Create Manage view ...

Filter for any field...

Name ↑

No SQL servers to display

Try changing your filters if you don't see what you're looking for.

Learn more ⓘ

Create SQL server

**Create SQL Database Server**

Microsoft

Basics Networking Additional settings Tags Review + create

**Product details**

SQL Database Server by Microsoft **Estimated cost per month**  
No additional charges

[Terms of use](#) | [Privacy policy](#)

**Terms**

By clicking "Create", I (a) agree to the legal terms and privacy statement(s) associated with the Marketplace offering(s) listed above; (b) authorize Microsoft to bill my current payment method for the fees associated with my Azure subscription; and (c) agree that Microsoft may share my contact, usage and transactional information with the provider(s) of the offering(s) for support, billing and other transactional activities. For additional details see [Azure Marketplace Terms](#).

**Basics**

Subscription	Azure Pass - Sponsorship
Resource group	DineshRG_21July2021
Server name	dineshcnognizant
Server admin login	dinesh
Location	East US

**Networking**

Allgemeine Netzwerkeinstellungen

Create < Previous Download a template for automation

Type here to search

The screenshot captures the Microsoft Azure portal interface during the creation of a new SQL Database Server. The main focus is the 'Create SQL Database Server' blade, which includes sections for 'Product details', 'Basics', 'Networking', and 'Review + create'. Key configuration parameters shown include the server name 'dineshcnognizant', location 'East US', and a subscription of 'Azure Pass - Sponsorship'. A progress bar at the top right indicates 'Initializing deployment...' for the resource group 'DineshRg\_21July2021'. The status bar at the bottom of the browser window displays the full URL of the current page.

dineshcognizant - Microsoft Azure

Microsoft Azure

Search resources, services, and docs (G+)

Home > Microsoft.SQLServer.createServer\_27aa0256fe9a41b383913fb5aa9212e >

dineshcognizant

SQL server

Overview

+ Create database + New elastic pool + New dedicated SQL pool (formerly SQL DW) Import database Reset password Move Delete Feedback

Resource group (change) : DineshRg\_21July2021

Status : Available

Location : East US

Subscription (change) : Azure Pass - Sponsorship

Subscription ID : 83d8dd94-06f7-4c4a-88ac-494289e78c58

Tags (change) : Click here to add tags

Server admin : dinesh

Firewalls and virtual netw... : Show firewall settings

Active Directory admin : Not configured

Server name : dineshcognizant.database.windows.net

Notifications (0) Features (6)

All Security (4) Performance (1) Recovery (1)

Active Directory admin : NOT CONFIGURED

Azure Defender for SQL : NOT CONFIGURED

Automatic tuning : CONFIGURED

Auditing : NOT CONFIGURED

Failover groups : NOT CONFIGURED

Transparent data encryption : SERVICE-MANAGED KEY

Type here to search

11:06 21-07-2021

Create SQL Database - Microsoft

Microsoft Azure

Search resources, services, and docs (G+)

Home > dineshcognizant >

Create SQL Database

Basics Networking Security Additional settings Tags Review + create

Create a SQL database with your preferred configurations. Complete the Basics tab then go to Review + Create to provision with smart defaults, or visit each tab to customize. [Learn more](#)

Project details

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription : Azure Pass - Sponsorship

Resource group : DineshRg\_21July2021

Database details

Enter required settings for this database, including picking a logical server and configuring the compute and storage resources

Database name \* : Enter database name

Server \* : dineshcognizant (East US)

Want to use SQL elastic pool? \* :  Yes  No

Review + create Next : Networking >

Type here to search

11:07 21-07-2021

Create SQL Database - Microsoft

portal.azure.com/#create/Microsoft.SQLDatabase

Microsoft Azure

Search resources, services, and docs (G+)

dineshbala@916163@ou..  
DEFAULT DIRECTORY

Home > dineshcognizant >

## Create SQL Database

Microsoft

Basics Networking Security Additional settings Tags Review + create

Create a SQL database with your preferred configurations. Complete the Basics tab then go to Review + Create to provision with smart defaults, or visit each tab to customize. [Learn more](#)

**Project details**

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription: Azure Pass - Sponsorship

Resource group: DineshRg\_21July2021

**Database details**

Enter required settings for this database, including picking a logical server and configuring the compute and storage resources.

Database name: **azurehandsday3**

Server: dineshcognizant (East US)

Want to use SQL elastic pool?  Yes  No

**Review + create** **Next : Networking >**

Type here to search

11:07 21-07-2021

Create SQL Database - Microsoft

portal.azure.com/#create/Microsoft.SQLDatabase

Microsoft Azure

Search resources, services, and docs (G+)

dineshbala@916163@ou..  
DEFAULT DIRECTORY

Home > dineshcognizant >

## Create SQL Database

Microsoft

Compute + storage \*

**General Purpose**  
Gen5, 2 vCores, 32 GB storage, zone redundant disabled  
[Configure database](#)

**Backup storage redundancy**

Choose how your PITR and LTR backups are replicated. Geo restore or ability to recover from regional outage is only available when geo-redundant storage is selected.

Backup storage redundancy  Geo-redundant backup storage

**Locally-redundant backup storage - Preview**  
**Zone-redundant backup storage - Preview**

**Geo-redundant backup storage**

**Selected value for backup storage redundancy is Geo-redundant backup storage. Note that database backups will be geo-replicated to the paired region. [Learn more](#)**

**Your use of either of the Preview backup storage redundancy options (ZRS and LRS) is governed by the agreement under which you obtained Microsoft Azure Services. By selecting a Preview redundancy option, you confirm that you agree to the preview terms in such agreement. Microsoft Azure Legal Information: [Learn more](#)**

**Review + create** **Next : Networking >**

Type here to search

11:08 21-07-2021

Create SQL Database - Microsoft

portal.azure.com/#create/Microsoft.SQLDatabase

Microsoft Azure

Search resources, services, and docs (G+ /)

dineshbala@916163@ou..  
DEFAULT DIRECTORY

Home > dineshcognizant >

## Create SQL Database

Microsoft

Basics Networking Security Additional settings Tags Review + create

Configure network access and connectivity for your server. The configuration selected below will apply to the selected server 'dineshcognizant' and all databases it manages. [Learn more](#)

**Firewall rules**

The settings displayed below are read-only. They can be modified from the 'Firewalls and virtual networks' blade for the selected server after database creation. [Learn more](#)

Allow Azure services and resources to access this server  No  Yes

Add current client IP address \*  No  Yes

**Private endpoints**

private endpoint connections are associated with a private IP address within a Virtual Network. The list below shows all the private endpoint connections for this server. Note that private endpoint connections are defined at the server level and they provide access to all databases in the server. [Learn more](#)

+ Add private endpoint

Name	Subscription	Resource group	Region	Subnet
Click on add to create private endpoint				

**Review + create** < Previous Next : Security >

Type here to search

11:08 21-07-2021

Create SQL Database - Microsoft

portal.azure.com/#create/Microsoft.SQLDatabase

Microsoft Azure

Search resources, services, and docs (G+ /)

dineshbala@916163@ou..  
DEFAULT DIRECTORY

Home > dineshcognizant >

## Create SQL Database

Microsoft

The settings displayed below are read-only. They can be modified from the 'Firewalls and virtual networks' blade for the selected server after database creation. [Learn more](#)

Allow Azure services and resources to access this server  No  Yes

Add current client IP address \*  No  Yes

**Private endpoints**

Private endpoint connections are associated with a private IP address within a Virtual Network. The list below shows all the private endpoint connections for this server. Note that private endpoint connections are defined at the server level and they provide access to all databases in the server. [Learn more](#)

+ Add private endpoint

Name	Subscription	Resource group	Region	Subnet
Click on add to create private endpoint				

**Encrypted connections**

The settings displayed below are read-only. They can be modified from the 'Firewalls and virtual networks' blade for the selected server after database creation. [Learn more](#)

Minimum TLS Version

**Review + create** < Previous Next : Security >

Type here to search

11:08 21-07-2021

Create SQL Database - Microsoft

portal.azure.com/#create/Microsoft.SQLDatabase

Microsoft Azure

Home > dineshognizant >

## Create SQL Database

Microsoft

Basics Networking **Security** Additional settings Tags Review + create

Azure Defender for SQL

Protect your data using Azure Defender for SQL, a unified security package including vulnerability assessment and advanced threat protection for your server. [Learn more](#)

Get started with a 30 day free trial period, and then 1080.6789 INR/server/month.

Enable Azure Defender for SQL \*  Start free trial  Not now

Azure Defender for SQL will automatically create a new storage account for saving vulnerability assessments. If a storage account was previously created for this purpose, it will be used instead. Azure storage prices will apply.

**Review + create** < Previous Next : Additional settings >

Type here to search

11:08 21-07-2021

Create SQL Database - Microsoft

portal.azure.com/#create/Microsoft.SQLDatabase

Microsoft Azure

Home > dineshognizant >

## Create SQL Database

Microsoft

Basics Networking Security **Additional settings** Tags Review + create

Customize additional configuration parameters including collation & sample data.

**Data source**

Start with a blank database, restore from a backup or select sample data to populate your new database.

Use existing data \*  None  Backup  Sample

**Database collation**

Database collation defines the rules that sort and compare data, and cannot be changed after database creation. The default database collation is SQL\_Latin1\_General\_CI\_AS. [Learn more](#)

Collation \*  SQL\_Latin1\_General\_CI\_AS [Find a collation](#)

**Maintenance window**

Select a preferred maintenance window from the drop down. Please note, during a maintenance event, Azure SQL Database are fully available and accessible but some of the maintenance updates require a failover as Azure takes SQL DB instances offline for a short time to apply the maintenance updates. If the database is part of elastic pool, the maintenance configuration of elastic pool will be applied. [Learn more](#)

Maintenance window System default (5pm to 8am)

**Review + create** < Previous Next : Tags >

Type here to search

11:08 21-07-2021

Create SQL Database - Microsoft

portal.azure.com/#create/Microsoft.SQLDatabase

Microsoft Azure

Home > dineshognizant >

## Create SQL Database

Customize additional configuration parameters including collation & sample data.

**Data source**

Start with a blank database, restore from a backup or select sample data to populate your new database.

Use existing data \*  None  Backup  Sample

**Database collation**

Database collation defines the rules that sort and compare data, and cannot be changed after database creation. The default database collation is SQL\_Latin1\_General\_CI\_AS. [Learn more](#)

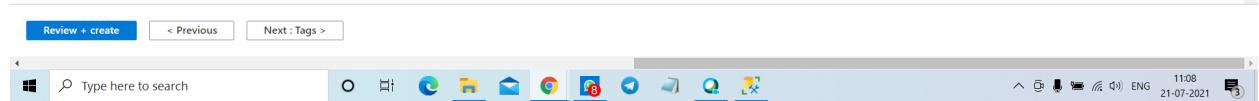
Collation \*  [Find a collation](#)

**Maintenance window**

Select a preferred maintenance window from the drop down. Please note, during a maintenance event, Azure SQL Database is fully available and accessible but some of the maintenance updates require a failover as Azure takes SQL DB instances offline for a short time to apply the maintenance updates. If the database is part of elastic pool, the maintenance configuration of elastic pool will be applied. [Learn more](#)

Maintenance window

[Review + create](#) [< Previous](#) [Next : Tags >](#)



Type here to search

Create SQL Database - Microsoft

portal.azure.com/#create/Microsoft.SQLDatabase

Microsoft Azure

Home > dineshognizant >

## Create SQL Database

Customize additional configuration parameters including collation & sample data.

**Tags**

Tags are name/value pairs that enable you to categorize and view consolidated billing by applying the same tag to multiple resources and resource groups. [Learn more](#)

Note that if you create tags and then change resource settings on other tabs, your tags will be automatically updated.

Name  Value  Resource

[Review + create](#) [< Previous](#) [Next : Review + create >](#)



Type here to search

Create SQL Database - Microsoft

portal.azure.com/#create/Microsoft.SQLDatabase

Microsoft Azure

Home > dineshognizant >

## Create SQL Database

Customize additional configuration parameters including collation & sample data.

**Tags**

Tags are name/value pairs that enable you to categorize and view consolidated billing by applying the same tag to multiple resources and resource groups. [Learn more](#)

Note that if you create tags and then change resource settings on other tabs, your tags will be automatically updated.

Name  Value  Resource

[Review + create](#) [< Previous](#) [Next : Review + create >](#)



Create SQL Database - Microsoft

portal.azure.com/#create/Microsoft.SQLDatabase

Microsoft Azure

Search resources, services, and docs (G+)

dineshbala@916163@ou..  
DEFAULT DIRECTORY

Home > dineshcognizant >

## Create SQL Database

Microsoft

Basics Networking Security Additional settings Tags Review + create

**Product details**

SQL database by Microsoft

Estimated cost per month  
27379.53 INR  
View pricing details

**Terms**

By clicking "Create", I (a) agree to the legal terms and privacy statement(s) associated with the Marketplace offering(s) listed above; (b) authorize Microsoft to bill my current payment method for the fees associated with the offering(s), with the same billing frequency as my Azure subscription; and (c) agree that Microsoft may share my contact, usage and transactional information with the provider(s) of the offering(s) for support, billing and other transactional activities. Microsoft does not provide rights for third-party offerings. For additional details see [Azure Marketplace Terms](#).

**Basics**

Subscription Azure Pass - Sponsorship  
Resource group DineshRg\_21July2021  
Region eastus  
Database name azurehandsday3  
Server dineshcognizant  
Compute + storage General Purpose: Gen5, 2 vCores, 32 GB storage, zone redundant disabled

Create < Previous Download a template for automation

Type here to search

11:09 21-07-2021 ENG

\*\*\* Initializing deployment...  
Initialising template deployment to resource group 'DineshRg\_21July2021'.

Validate < Previous Download a template for automation

Type here to search

11:09 21-07-2021 ENG

**Create SQL Database - Microsoft** + Home

[portal.azure.com/#create/Microsoft.SQLDatabase](https://portal.azure.com/#create/Microsoft.SQLDatabase)

**Microsoft Azure** Search resources, services, and docs (G+)

dineshbala916163@outlook.onmicrosoft.com Notifications

[Home > dineshbognizant >](#)

## Create SQL Database

Microsoft

[Basics](#) [Networking](#) [Security](#) [Additional settings](#) [Tags](#) [Review + create](#)

**Product details**

SQL database by Microsoft [View pricing details](#)

**Estimated cost per month**  
27379.53 INR

**Terms**

By clicking "Create", I (a) agree to the legal terms and privacy statement(s) associated with the Marketplace offering(s) listed above; (b) authorize Microsoft to bill my current frequency as my Azure subscription; and (c) agree that Microsoft may share my contact, usage and transactional information with the provider(s) of the offering(s) for support third-party offerings. For additional details see [Azure Marketplace Terms](#).

**Basics**

Subscription	Azure Pass - Sponsorship
Resource group	DineshRg_21July2021
Region	eastus
Database name	azurehandsday3
Server	dineshbognizant
Compute + storage	General Purpose: Gen5, 2 vCores, 32 GB storage, zone redundant disabled

[Validating...](#) [Download a template for automation](#)

**Notifications**

[More events in the activity log](#) [Dismiss all](#)

**Submitting deployment...** Running  
Submitting the deployment template for resource group 'DineshRg\_21July2021'.  
a few seconds ago

**Deployment succeeded** Deployment  
[Go to resource](#) [Pin to dashboard](#)  
Deployment 'Microsoft.SQLServer.createServer\_27aa0256fe9a41b383913fb5aa9212e' to resource group 'DineshRg\_21July2021' was successful.  
3 minutes ago

**Successfully deleted server** Successfully deleted server  
Successfully deleted server: dineshbognizant  
9 minutes ago

**Successfully deleted storage account** Successfully deleted storage account  
Successfully deleted storage account 'azurehandsday2'.  
15 minutes ago

**Successfully deleted container(s)** Successfully deleted container(s)  
Successfully deleted 1 container(s).  
18 minutes ago

**Successfully changed access level for container(s)** Successfully changed access level for container(s)

**Microsoft.SQLDatabase.newDatabase** + Home

[portal.azure.com/#blade/HubsExtension/DeploymentDetailsBlade/overview/id/%2Fsubscriptions%2F83d8dd94-0f7-4c4a-88ac-494289e78c58%2FresourceGroups%2FDineshRg\\_21July2021...](https://portal.azure.com/#blade/HubsExtension/DeploymentDetailsBlade/overview/id/%2Fsubscriptions%2F83d8dd94-0f7-4c4a-88ac-494289e78c58%2FresourceGroups%2FDineshRg_21July2021...)

**Microsoft Azure** Search resources, services, and docs (G+)

dineshbala916163@outlook.onmicrosoft.com

[Home >](#)

## Microsoft.SQLDatabase.newDatabaseExistingServer\_cae3ae6bf8344913 | Overview

Deployment

[Search \(Ctrl+F\)](#) [Delete](#) [Cancel](#) [Redeploy](#) [Refresh](#)

**Overview** [Inputs](#) [Outputs](#) [Template](#)

We'd love your feedback! →

**Deployment is in progress**

Deployment name: Microsoft.SQLDatabase.newDatabaseExistingSe... Start time: 7/21/2021, 11:09:17 AM  
Subscription: Azure Pass - Sponsorship Correlation ID: 4e28c6a6-dfe8-4e0e-9181-a83e91338977  
Resource group: DineshRg\_21July2021

**Deployment details (Download)**

Resource	Type	Status	Operation details
dineshbognizant	Microsoft.Sql/servers	OK	<a href="#">Operation details</a>

**Security Center**  
Secure your apps and infrastructure [Go to Azure security center >](#)

**Free Microsoft tutorials**  
Start learning today >

**Work with an expert**  
Azure experts are service provider partners who can help manage your assets on Azure and be your first line of support. [Find an Azure expert >](#)

<https://portal.azure.com/#@dineshbala916163outlook.onmicrosoft.com/resource/subscript...>

Microsoft.SQLDatabase.newDatabase x +

portal.azure.com/#blade/HubsExtension/DeploymentDetailsBlade/overview/id/%2fsubscriptions%2f83d8dd94-06f7-4c4a-88ac-494289e78c58%2fresourceGroups%2fDineshRg\_21July2021...

Microsoft Azure

Search resources, services, and docs (G+)

dineshbala916163@outlook.com DEFAULT DIRECTORY

Home > Microsoft.SQLDatabase.newDatabaseExistingServer\_cae3ae6bf8344913 | Overview

Deployment

Overview

Inputs

Outputs

Template

Search (Ctrl+ /)

Delete Cancel Redeploy Refresh

We'd love your feedback! →

Your deployment is complete

Deployment name: Microsoft.SQLDatabase.newDatabaseExistingSe... Start time: 7/21/2021, 11:09:17 AM

Subscription: Azure Pass - Sponsorship Correlation ID: 4e28c6a6-dfe8-4e8e-9181-a83e91338977

Resource group: DineshRg\_21July2021

Deployment details (Download)

Next steps

Go to resource

Deployment succeeded

Deployment Microsoft.SQLDatabase.newDatabaseExistingServer\_c... to resource group 'DineshRg\_21July2021' was successful.

Go to resource Pin to dashboard

Security Center Secure your apps and infrastructure Go to Azure security center >

Free Microsoft tutorials Start learning today >

Work with an expert Azure experts are service provider partners who can help manage your assets on Azure and be your first line of support. Find an Azure expert >

Type here to search

azurehandsonday3 (dineshcognizant) x +

portal.azure.com/#@dineshbala916163outlook.onmicrosoft.com/resource/subscriptions/83d8dd94-06f7-4c4a-88ac-494289e78c58/resourceGroups/DineshRg\_21July2021/providers/Microsoft...

Microsoft Azure

Search resources, services, and docs (G+)

dineshbala916163@outlook.com DEFAULT DIRECTORY

Home > Microsoft.SQLDatabase.newDatabaseExistingServer\_cae3ae6bf8344913 >

azurehandsonday3 (dineshcognizant/azurehandsonday3)

SQL database

Search (Ctrl+ /)

Copy Restore Export Set server firewall Delete Connect with... Feedback

Overview

Activity log

Tags

Diagnose and solve problems

Quick start

Query editor (preview)

Power Platform

Power BI (preview)

Power Apps (preview)

Power Automate (preview)

Settings

Compute + storage

Connection strings

Properties

Locks

Data management

Replicas

Essentials

Resource group (change) : DineshRg\_21July2021

Status : Online

Location : East US

Subscription (change) : Azure Pass - Sponsorship

Subscription ID : 83d8dd94-06f7-4c4a-88ac-494289e78c58

Tags (change) : Click here to add tags

Show data for last: 1 hour 24 hours 7 days

Aggregation type: Max

Compute utilization

100% 90% 80% 70% 60% 50% 40% 30% 20% 10% 0%

10:15 AM 10:30 AM 10:45 AM 11 AM UTC+05:30

Database data storage

0.01% USED SPACE

Used space 4 MB Allocated space 16 MB

Type here to search

11:11 21-07-2021

Screenshot of the Microsoft Azure portal showing the Overview page for the database "azurehandsonday3".

**Essentials:**

- Resource group (change) : DineshRg\_21July2021
- Status : Online
- Location : East US
- Subscription (change) : Azure Pass - Sponsorship
- Subscription ID : 83d8dd94-06f7-4c4a-88ac-494289e78c58
- Tags (change) : Click here to add tags
- Server name : dineshcognizant.database.windows.net
- Elastic pool : No elastic pool
- Connection strings : Show database connection strings
- Pricing tier : General Purpose: Gen5, 2 vCores
- Earliest restore point : No restore point available

**Compute utilization:** A line chart showing usage over the last 1 hour, 24 hours, or 7 days. The current usage is at 0%.

**Database data storage:** A donut chart showing 0.01% used space out of 16 MB allocated.

**Used space:** 4 MB

**Allocated space:** 16 MB

**Query editor (preview):** Welcome to SQL Database Query Editor. It shows fields for SQL server authentication (Login: dinesh, Password: [redacted]) and Active Directory authentication (Continue as dineshbalaji916163@outlook.com). There is an OK button.

**azurehandsday3 (dineshcognizant)** | Microsoft Azure

Search resources, services, and docs (G+)

dineshbala...@outlook.com DEFAULT DIRECTORY

Home > Microsoft.SQLDatabase.newDatabaseExistingServer\_cae3ae6bf8344913 > azurehandsday3 (dineshcognizant/azurehandsday3)

### azurehandsday3 (dineshcognizant/azurehandsday3) | Query editor (preview)

SQL database

Search (Ctrl+J)

- Overview
- Activity log
- Tags
- Diagnose and solve problems
- Quick start
- Query editor (preview)**
- Power Platform
  - Power BI (preview)
  - Power Apps (preview)
  - Power Automate (preview)
- Settings
  - Compute + storage
  - Connection strings
  - Properties
  - Locks
- Data management
  - Replicas

Welcome to SQL Database Query Editor

SQL server authentication

Login \* dinesh

Password \*  OK

Active Directory authentication

Continue as dineshbala...@outlook.com

OR

Cannot open server 'dineshcognizant' requested by the login. Client with IP address '171.76.42.120' is not allowed to access the server. To enable access, use the Azure Portal or run sp\_set\_firewall\_rule on the master database to create a firewall rule for this IP address or address range. It may take up to five minutes for this change to take effect.

Whitelist IP 171.76.42.120 on server dineshcognizant

OK

Type here to search

11:11 21-07-2021

**azurehandsday3 (dineshcognizant)** | Microsoft Azure

Search resources, services, and docs (G+)

dineshbala...@outlook.com DEFAULT DIRECTORY

Home > Microsoft.SQLDatabase.newDatabaseExistingServer\_cae3ae6bf8344913 >

### azurehandsday3 (dineshcognizant/azurehandsday3)

SQL database

Search (Ctrl+J)

- Overview
- Activity log
- Tags
- Diagnose and solve problems
- Quick start
- Query editor (preview)**
- Power Platform
  - Power BI (preview)
  - Power Apps (preview)
  - Power Automate (preview)
- Settings
  - Compute + storage
  - Connection strings
  - Properties
  - Locks
- Data management
  - Replicas

Copy Restore Export Set server firewall Delete Connect with... Feedback

JSON View

Essentials

Resource group (change)	: DineshRg_21July2021	Server name	: dineshcognizant.database.windows.net
Status	: Online	Elastic pool	: No elastic pool
Location	: East US	Connection strings	: Show database connection strings
Subscription (change)	: Azure Pass - Sponsorship	Pricing tier	: General Purpose: Gen5, 2 vCores
Subscription ID	: 83d8dd94-06f7-4c4a-88ac-494289e78c58	Earliest restore point	: No restore point available
Tags (change)	: Click here to add tags		

Show data for last: 1 hour 24 hours 7 days Aggregation type: Max

Compute utilization

Database data storage

0.01% USED SPACE

Used space: 4 MB Allocated space: 16 MB

Type here to search

11:11 21-07-2021

azurehandsday3 (dineshcognizant) +

Microsoft Azure Search resources, services, and docs (G+)

dineshbala@916163.outlook.onmicrosoft.com

Home > Microsoft.SQLDatabase.newDatabaseExistingServer\_cae3ae6bf8344913 > azurehandsday3 (dineshcognizant.azurehandsday3) ...

Overview Copy Restore Export Set server firewall Delete Connect with... Feedback

Resource group (change) : DineshRg\_21July2021 Server name : dineshcognizant.database.windows.net

Status : Online Elastic pool : No elastic pool

Location : East US Connection strings : Show database connection strings

Subscription (change) : Azure Pass - Sponsorship Pricing tier : General Purpose: Gen5, 2 vCores

Subscription ID : 83d8dd94-06f7-4c4a-88ac-494289e78c58 Earliest restore point : No restore point available

Tags (change) : Click here to add tags

Show data for last: 1 hour 24 hours 7 days Aggregation type: Max

Compute utilization

Database data storage 0.01% USED SPACE

Used space 4 MB Allocated space 16 MB

Power BI (preview) Power Apps (preview) Power Automate (preview)

Compute + storage Connection strings Properties Locks

Replicas Type here to search

Firewall settings - Microsoft Azure +

Microsoft Azure Search resources, services, and docs (G+)

dineshbala@916163.outlook.onmicrosoft.com

Home > Microsoft.SQLDatabase.newDatabaseExistingServer\_cae3ae6bf8344913 > azurehandsday3 (dineshcognizant.azurehandsday3) > Firewall settings

Save Discard Add client IP

Deny public network access: Yes

Click here to create a new private endpoint. Create Private Endpoint

Minimum TLS Version: 1.2

Connection Policy: Default

Allow Azure services and resources to access this server: No

Client IP address: 171.76.42.120

Rule name Start IP End IP

No firewall rules configured.

Virtual networks + Add existing virtual network + Create new virtual network

Rule name	Virtual network	Subnet	Address Range	Endpoint status
No vnet rules for this server.				

Type here to search

Firewall settings - Microsoft Azure

Microsoft Azure

Home > Microsoft.SQLDatabase.newDatabaseExistingServer\_cae3ae6bf8344913 > azurehandsongday3 (dineshcognizant/azurehandsongday3) >

### Firewall settings

dineshcognizant (SQL server)

Save Discard + Add client IP

Add client IP

Deny public network access  Yes  No

Click here to create a new private endpoint. Create Private Endpoint

Minimum TLS Version  1.0  1.1  1.2

Connection Policy  Default  Proxy  Redirect

Allow Azure services and resources to access this server  Yes  No

Client IP address 171.76.42.120

Rule name	Start IP	End IP

No firewall rules configured.

Virtual networks

+ Add existing virtual network + Create new virtual network

Rule name	Virtual network	Subnet	Address Range	Endpoint status

No vnet rules for this server.

Type here to search

11:11 ENG 21-07-2021

Firewall settings - Microsoft Azure

Microsoft Azure

Home > Microsoft.SQLDatabase.newDatabaseExistingServer\_cae3ae6bf8344913 > azurehandsongday3 (dineshcognizant/azurehandsongday3) >

### Firewall settings

dineshcognizant (SQL server)

Save Discard + Add client IP

Add client IP

Deny public network access  Yes  No

Click here to create a new private endpoint. Create Private Endpoint

Minimum TLS Version  1.0  1.1  1.2

Connection Policy  Default  Proxy  Redirect

Allow Azure services and resources to access this server  Yes  No

Client IP address 171.76.42.120

Rule name	Start IP	End IP
ClientIPAddress_2021-7...	171.76.42.120	171.76.42.120

No firewall rules configured.

Virtual networks

+ Add existing virtual network + Create new virtual network

Rule name	Virtual network	Subnet	Address Range	Endpoint status

No vnet rules for this server.

Type here to search

11:12 ENG 21-07-2021

Firewall settings - Microsoft Azure

portal.azure.com/#@dineshbala...@outlook.onmicrosoft.com/resource/subscriptions/83d8dd94-06f7-4c4a-88ac-494289e78c58/resourceGroups/DineshRg\_21July2021/providers/Micros...

Microsoft Azure

Search resources, services, and docs (G+/)

dineshbala...@outlook.onmicrosoft.com DEFAULT DIRECTORY

Home > Microsoft.SQLDatabase.newDatabaseExistingServer\_cae3ae6bf8344913 > azurehandsday3 (dineshcognizant/azurehandsday3) >

**Firewall settings** ...

dineshcognizant (SQL server)

Save Discard + Add client IP

Deny public network access  Yes  No

Click here to create a new private endpoint. Create Private Endpoint

Minimum TLS Version  1.0  1.1  1.2

Connection Policy  Default  Proxy  Redirect

Allow Azure services and resources to access this server  Yes  No

Client IP address 171.76.42.120

Rule name	Start IP	End IP
ClientIPAddress_2021-7...	171.76.42.120	171.76.42.120

Virtual networks + Add existing virtual network + Create new virtual network

Rule name	Virtual network	Subnet	Address Range	Endpoint status
No vnet rules for this server.				

Type here to search

11:12 ENG 21-07-2021

Firewall settings - Microsoft Azure

portal.azure.com/#@dineshbala...@outlook.onmicrosoft.com/resource/subscriptions/83d8dd94-06f7-4c4a-88ac-494289e78c58/resourceGroups/DineshRg\_21July2021/providers/Micros...

Microsoft Azure

Search resources, services, and docs (G+/)

dineshbala...@outlook.onmicrosoft.com DEFAULT DIRECTORY

Home > Microsoft.SQLDatabase.newDatabaseExistingServer\_cae3ae6bf8344913 > azurehandsday3 (dineshcognizant/azurehandsday3) >

**Firewall settings** ...

dineshcognizant (SQL server)

Save Discard + Add client IP

Deny public network access  Yes  No

Click here to create a new private endpoint. Create Private Endpoint

Minimum TLS Version  1.0  1.1  1.2

Connection Policy  Default  Proxy  Redirect

Allow Azure services and resources to access this server  Yes  No

Client IP address 171.76.42.120

Rule name	Start IP	End IP
ClientIPAddress_2021-7...	171.76.42.120	171.76.42.120

Virtual networks + Add existing virtual network + Create new virtual network

Rule name	Virtual network	Subnet	Address Range	Endpoint status
No vnet rules for this server.				

\*\*\* Updating server firewall rules  
Updating firewall rules for server: dineshcognizant

Type here to search

11:12 ENG 21-07-2021

Firewall settings - Microsoft Azure

Microsoft Azure

Home > Microsoft.SQLDatabase.newDatabaseExistingServer\_cae3ae6bf834913 > azurehandsunday3 (dineshcognizant/azurehandsunday3)

**Firewall settings**

dineshcognizant (SQL server)

Save Discard + Add client IP

**Success!**  
Successfully updated server firewall rules

OK

Minimum TLS Version: 1.0 1.1 1.2

Connection Policy: Default Proxy Redirect

Allow Azure services and resources to access this server: Yes

Client IP address: 171.76.42.120

Rule name	Start IP	End IP	...
ClientIPAddress_2021-7-21_...	171.76.42.120	171.76.42.120	...

Virtual networks  
+ Add existing virtual network + Create new virtual network

Rule name	Virtual network	Subnet	Address Range	Endpoint status
No vnet rules for this server.				

Type here to search

azurehandsunday3 (dineshcognizant) SQL database

Search (Ctrl+F)

Copy Restore Export Set server firewall Delete Connect with... Feedback

Overview

Activity log Tags Diagnose and solve problems Quick start Query editor (preview)

Power Platform Power BI (preview) Power Apps (preview) Power Automate (preview)

Settings Compute + storage Connection strings Properties Locks

Data management Replicas

Resource group (change): DineshRg\_21July2021

Status: Online Location: East US Subscription (change): Azure Pass - Sponsorship

Subscription ID: 83d8dd94-06f7-4c4a-88ac-494289e78c58

Tags (change): Click here to add tags

Show data for last: 1 hour 24 hours 7 days Aggregation type: Max

Compute utilization

100% 90% 80% 70% 60% 50% 40% 30% 20% 10% 0%

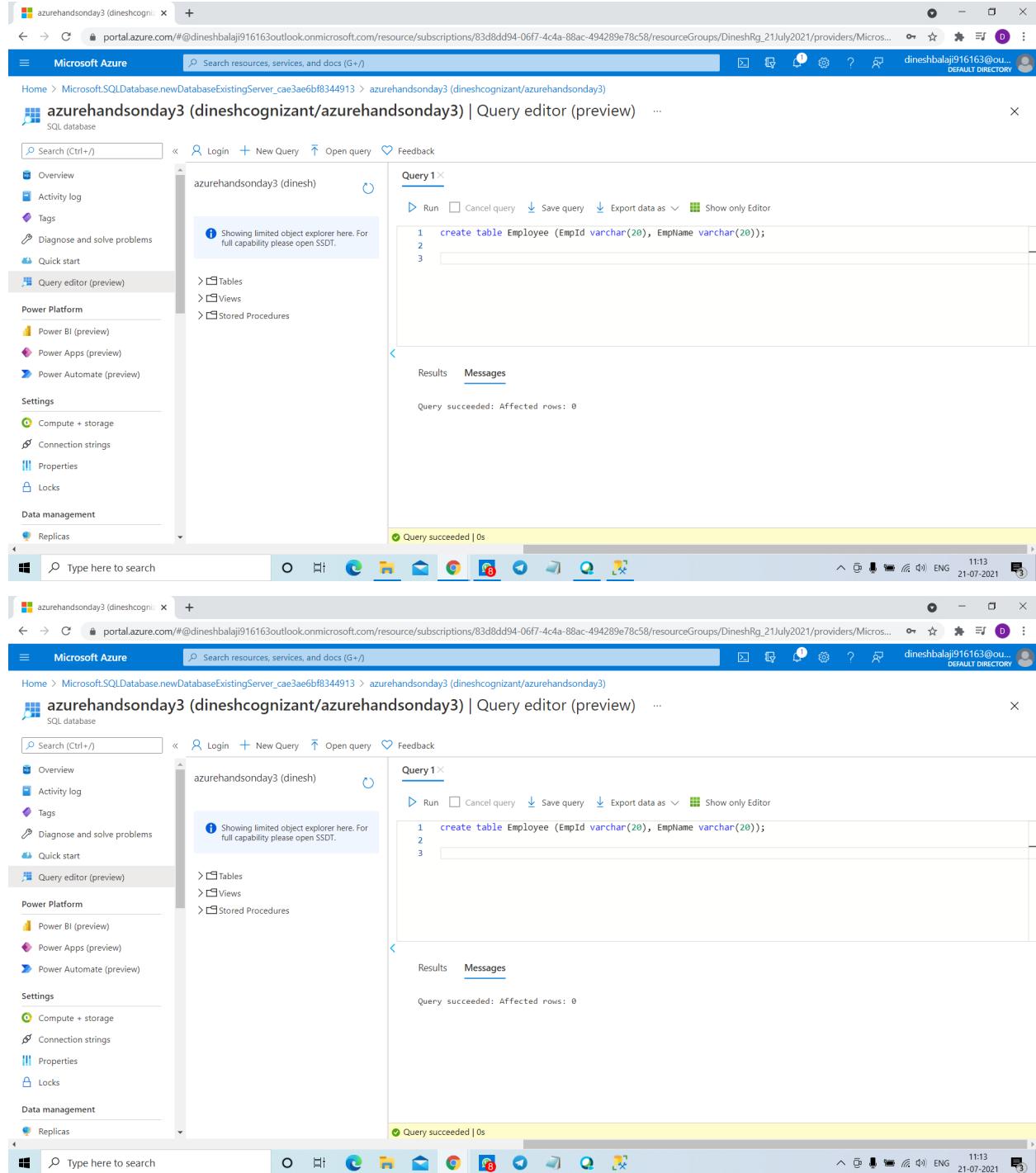
10:15 AM 10:30 AM 10:45 AM 11 AM UTC+05:30

Database data storage

0.01% USED SPACE

Used space: 4 MB Allocated space: 16 MB

Type here to search



The screenshot shows two identical instances of the Microsoft Azure SQL Database Query editor (preview) side-by-side. Both instances are connected to the same database, 'azurehandsonday3'.

**Query 1 (Top Window):**

```
1 create table Employee (EmpId varchar(20), EmpName varchar(20));
2
3 insert into Employee values ('101', 'Dinesh');
4 insert into Employee values ('102', 'Balaji');
5 insert into Employee values ('103', 'Person 3');
6
7
```

**Results (Bottom Window):**

Query succeeded: Affected rows: 2

EmpId	EmpName
101	Dinesh
102	Balaji
103	Person 3

Results    Messages

Search to filter items...

EmpId	EmpName
101	Dinesh
102	Balaji
103	Person 3

azurehandsday3 (dineshcognizant/azurehandsday3) | Query editor (preview)

Query 1

```

1 create table Employee (EmpId varchar(20), EmpName varchar(20));
2
3 insert into Employee values ('101', 'Dinesh');
4 insert into Employee values ('102', 'Balaji');
5 insert into Employee values ('103', 'Person 3');
6
7 select * from Employee;
  
```

Results

EmpId	EmpName
101	Dinesh
102	Balaji
103	Person 3

Query succeeded | 0s

Screenshot of the Microsoft Azure portal showing the configuration of an Azure SQL Database named "azurehandsonday3".

The top navigation bar shows the URL [https://portal.azure.com/#@dineshbala916163outlook.onmicrosoft.com/resource/subscriptions/83d8dd94-06f7-4c4a-88ac-494289e78c58/resourceGroups/DineshRg\\_21July2021/providers/Microsoft.DBforSQL/databases/azurehandsonday3](https://portal.azure.com/#@dineshbala916163outlook.onmicrosoft.com/resource/subscriptions/83d8dd94-06f7-4c4a-88ac-494289e78c58/resourceGroups/DineshRg_21July2021/providers/Microsoft.DBforSQL/databases/azurehandsonday3).

The main content area displays the database overview, including:

- Resource group:** DineshRg\_21July2021
- Status:** Online
- Location:** East US
- Subscription:** Azure Pass - Sponsorship
- Subscription ID:** 83d8dd94-06f7-4c4a-88ac-494289e78c58
- Tags:** Click here to add tags

A chart titled "Compute utilization" shows usage over the last hour, with the aggregation type set to "Max".

A circular gauge indicates "Database data storage" usage at 0.06% used space, with 20 MB used and 32 MB allocated.

The bottom navigation bar shows the URL [https://portal.azure.com/#@dineshbala916163outlook.onmicrosoft.com/resource/subscriptions/83d8dd94-06f7-4c4a-88ac-494289e78c58/resourceGroups/DineshRg\\_21July2021/providers/Microsoft.DBforSQL/databases/azurehandsonday3/connectionstrings](https://portal.azure.com/#@dineshbala916163outlook.onmicrosoft.com/resource/subscriptions/83d8dd94-06f7-4c4a-88ac-494289e78c58/resourceGroups/DineshRg_21July2021/providers/Microsoft.DBforSQL/databases/azurehandsonday3/connectionstrings).

The connection string for ADO.NET is displayed:

```
Server=tcp:dineshcognizant.database.windows.net,1433;Initial Catalog=azurehandsonday3;Persist Security Info=False;User ID=dinesh;Password=(your_password);MultipleActiveResultSets=False;Encrypt=True;TrustServerCertificate=False;Connection Timeout=30;
```

The left sidebar shows the following navigation items:

- Overview
- Activity log
- Tags
- Diagnose and solve problems
- Quick start
- Query editor (preview)
- Power Platform
  - Power BI (preview)
  - Power Apps (preview)
  - Power Automate (preview)
- Settings
  - Compute + storage
  - Connection strings
  - Properties
  - Locks
- Data management
- Replicas