



Windows PowerShell Get-Help on Cmdlet 'Get-AzSqlDatabaseIndexRecommendation'

PS:\>Get-HELP Get-AzSqlDatabaseIndexRecommendation -Full

NAME

Get-AzSqlDatabaseIndexRecommendation

SYNOPSIS

Gets the recommended index operations for a server or database.

SYNTAX

```
Get-AzSqlDatabaseIndexRecommendation [-ResourceGroupName] <System.String> [-DatabaseName <System.String>]
[-DefaultProfile
                                     <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-IndexRecommendationName <System.String>] -ServerName <System.String>
[-TableName <System.String>] [-Confirm] [-WhatIf] [<CommonParameters>]
```

DESCRIPTION

The Get-AzSqlDatabaseIndexRecommendation cmdlet gets the recommended index operations for an Azure SQL Database server or database.

PARAMETERS

-DatabaseName <System.String>

Specifies the name of the database for which this cmdlet gets index recommendations.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>

The credentials, account, tenant, and subscription used for communication with azure

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-IndexRecommendationName <System.String>

Specifies the name of the index recommendation that this cmdlet gets.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ResourceGroupName <System.String>

Specifies the name of the resource group that the server is assigned for. This cmdlet gets index recommendations for a database hosted by this server.

Required? true

Position? 0
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-ServerName <System.String>

Specifies the server that hosts the database for which this cmdlet gets index recommendations.

Required? true
Position? named
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-TableName <System.String>

Specifies the name of an Azure SQL table.

Required? false
Position? named
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-Confirm <System.Management.Automation.SwitchParameter>

Prompts you for confirmation before running the cmdlet.

Required? false
Position? named
Default value False
Accept pipeline input? False
Accept wildcard characters? false

-WhatIf <System.Management.Automation.SwitchParameter>

Shows what would happen if the cmdlet runs. The cmdlet is not run.

Required?	false
Position?	named
Default value	False
Accept pipeline input?	False
Accept wildcard characters?	false

<CommonParameters>

This cmdlet supports the common parameters: Verbose, Debug, ErrorAction, ErrorVariable, WarningAction, WarningVariable, OutBuffer, PipelineVariable, and OutVariable. For more information, see about_CommonParameters (<https://go.microsoft.com/fwlink/?LinkID=113216>).

INPUTS

System.String

OUTPUTS

Microsoft.Azure.Commands.Sql.Model.IndexRecommendation

NOTES

Example 1: Get index recommendations for all databases on server

```
Get-AzSqlDatabaseIndexRecommendation -ResourceGroupName "ResourceGroup01" -ServerName "Server01"
```

This command returns index recommendations for all databases on server server01.

- Example 2: Get index recommendations for a specific database -

```
Get-AzSqlDatabaseIndexRecommendation -ResourceGroupName "ResourceGroup01" -ServerName "Server01"  
-DatabaseName "Database01"
```

This command returns index recommendations for specific database.

----- Example 3: Get a single index recommendation by name -----

```
Get-AzSqlDatabaseIndexRecommendation -ResourceGroupName "ResourceGroup01" -ServerName "Server01"  
-DatabaseName "Database01" -IndexRecommendationName "INDEX_NAME"
```

This command returns single index recommendation by name.

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.sql/get-azsqldatabaseindexrecommendation>

Start-AzSqlDatabaseExecuteIndexRecommendation

Stop-AzSqlDatabaseExecuteIndexRecommendation