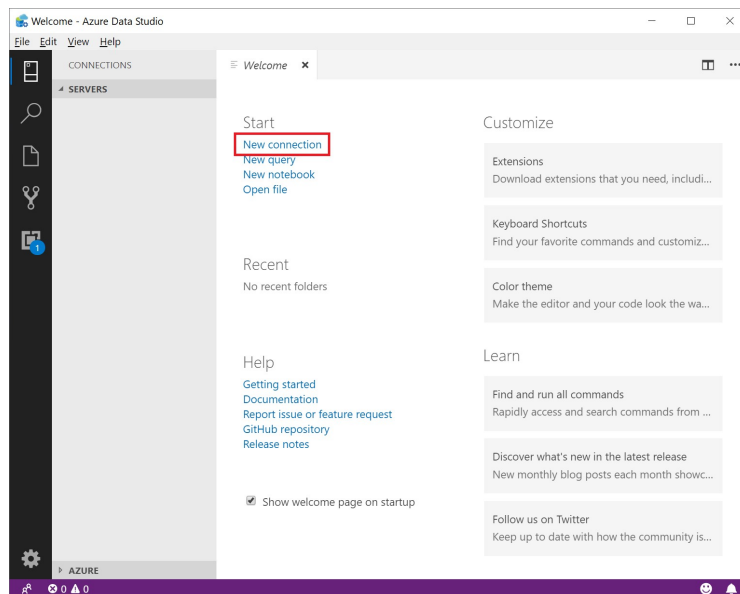


Connect to your Azure SQL Database server

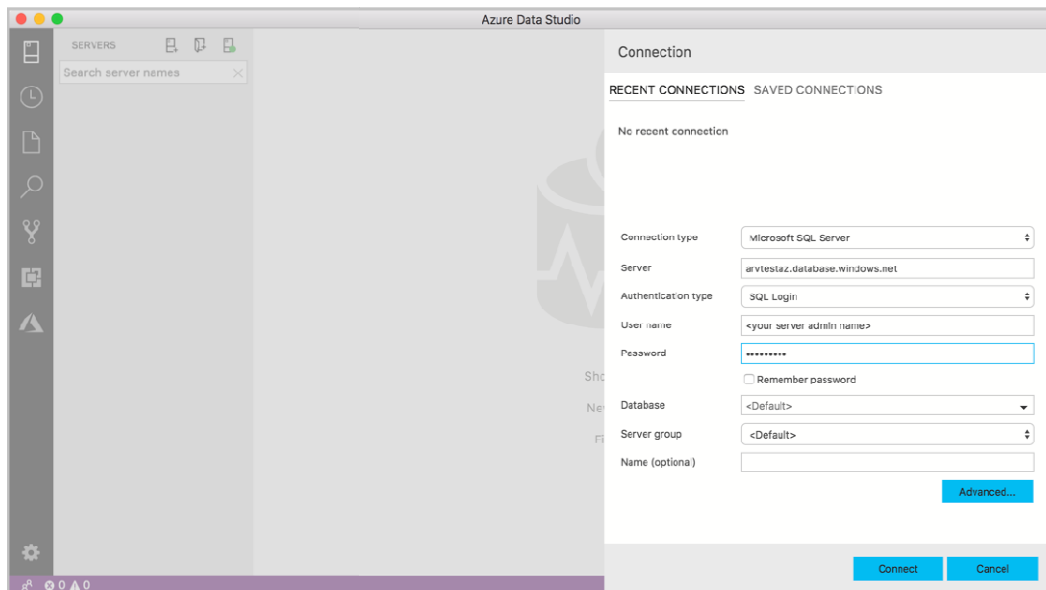
Use Azure Data Studio to establish a connection to your Azure SQL Database server.

1. The first time you run Azure Data Studio the **Welcome** page should open. If you don't see the **Welcome** page, select **Help > Welcome**. Select **New Connection** to open the **Connection** pane:

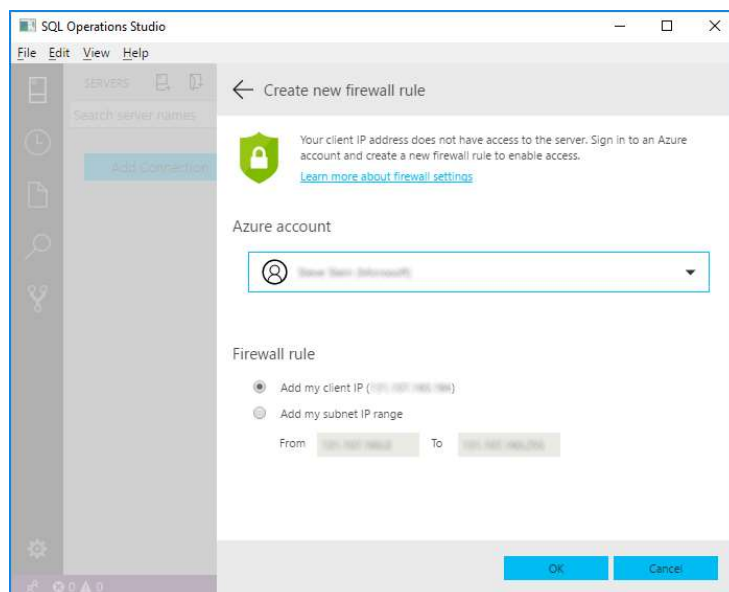


2. This article uses SQL sign-in, but also supports Windows authentication. Fill in the following fields using the server name, user name, and password for your Azure SQL server:

Setting	Suggested value	Description
Server name	The fully qualified server name	Something like: servername.database.windows.net .
Authentication	SQL Login	This tutorial uses SQL Authentication.
User name	The server admin account user name	The user name from the account used to create the server.
Password (SQL Login)	The server admin account password	The password from the account used to create the server.
Save Password?	Yes or No	Select Yes if you don't want to enter the password each time.
Database name	<i>leave blank</i>	You're only connecting to the server here.
Server Group	Select <Default>	You can set this field to a specific server group you created.



3. Select **Connect**.
4. If your server doesn't have a firewall rule allowing Azure Data Studio to connect, the **Create new firewall rule** form opens. Complete the form to create a new firewall rule. For details, see [Firewall rules](#).



After successfully connecting, your server opens in the **SERVERS** sidebar.

Create the tutorial database

The next sections create the TutorialDB database that's used in other Azure Data Studio tutorials.

1. Right-click on your Azure SQL server in the **SERVERS** sidebar and select **New Query**.
2. Paste this SQL into the query editor.

```
SQLCopy
IF NOT EXISTS (
    SELECT name
    FROM sys.databases
    WHERE name = N'TutorialDB'
)
CREATE DATABASE [TutorialDB]
GO

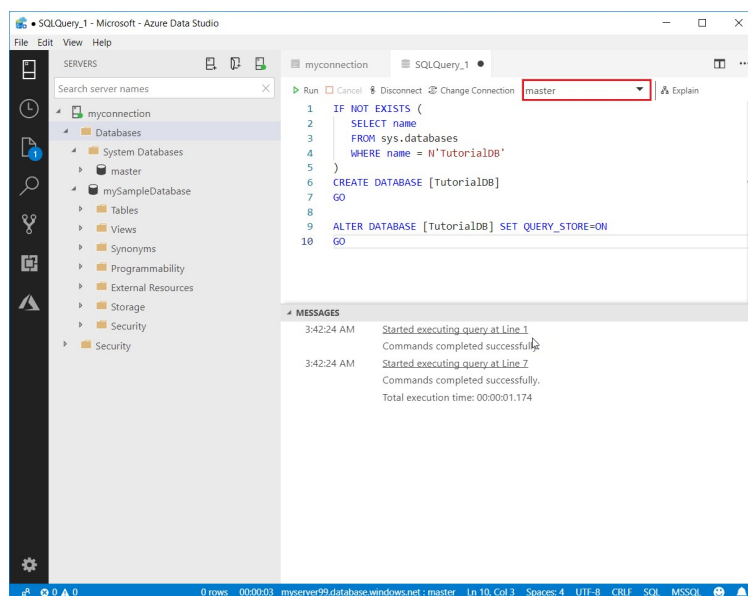
ALTER DATABASE [TutorialDB] SET QUERY_STORE=ON
GO
```

3. From the toolbar, select **Run**. Notifications appear in the **MESSAGES** pane showing query progress.

Create a table

The query editor is connected to the **master** database, but we want to create a table in the **TutorialDB** database.

1. Connect to the **TutorialDB** database.



2. Create a Customers table.

Replace the previous query in the query editor with this one and select **Run**.

```
SQLCopy
-- Create a new table called 'Customers' in schema 'dbo'
```

```

-- Drop the table if it already exists
IF OBJECT_ID('dbo.Customers', 'U') IS NOT NULL
DROP TABLE dbo.Customers
GO
-- Create the table in the specified schema
CREATE TABLE dbo.Customers
(
    CustomerId          INT      NOT NULL PRIMARY KEY, -- primary key column
    Name                [NVARCHAR](50) NOT NULL,
    Location             [NVARCHAR](50) NOT NULL,
    Email               [NVARCHAR](50) NOT NULL
);
GO

```

Insert rows into the table

Replace the previous query with this one and select **Run**.

SQLCopy

```

-- Insert rows into table 'Customers'
INSERT INTO dbo.Customers
([CustomerId],[Name],[Location],[Email])
VALUES
( 1, N'Orlando', N'Australia', N''),
( 2, N'Keith', N'India', N'keith0@adventure-works.com'),
( 3, N'Donna', N'Germany', N'donna0@adventure-works.com'),
( 4, N'Janet', N'United States', N'janet1@adventure-works.com')
GO

```

View the result

Replace the previous query with this one and select **Run**.

SQLCopy

```

-- Select rows from table 'Customers'
SELECT * FROM dbo.Customers;

```

The query results display:

SQLQuery_1 - Microsoft - Azure Data Studio

File Edit View Help

SERVERS

Search server names

- myconnection
 - Databases
 - System Databases
 - master
 - mySampleDatabase
 - Tables
 - Views
 - Synonyms
 - Programmability
 - External Resources
 - Storage
 - Security
 - Security

myconnection SQLQuery_1

Run Cancel Disconnect Change Connection TutorialDB Explain

```
1 -- select rows from table 'Customers'
2 SELECT * FROM dbo.Customers;
```

RESULTS

	CustomerId	Name	Location	Email
1	1	Orlando	Australia	
2	2	Keith	India	keith0@adventure-works.com
3	3	Donna	Germany	donna0@adventure-works.com
4	4	Janet	United States	janet1@adventure-works.com

MESSAGES

3:47:46 AM Started executing query at Line 1
(4 rows affected)
Total execution time: 00:00:00.214

4 rows 00:00:00 myserver99.database.windows.net : TutorialDB Ln 2, Col 29 Spaces: 4 UTF-8 CRLF SQL MSSQL