

Connecting to SQL Server Databases

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The 'Loaded Pencil' Database

Our Demo Database:

- Hosted in SQL Azure
- Based on real food & beverage sales for a restaurant
- Contains defined relationships within the SQL database
- Includes 348,880 transactions spanning from 2009-01-01 through 2013-12-31
- Holds monthly budgets by sales category

Key Industry Specific Terminology

- 'POS' = "Point of Sale"
- 'Chit' = Transaction



Even though this is SQL Azure, the connection experience is similar in all databases

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'Loaded Pencil' Relational Database Diagram



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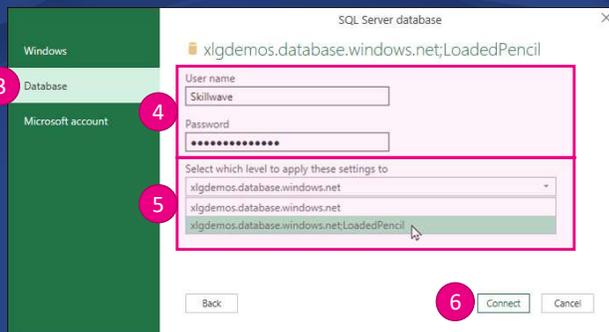
Connecting to the Database

Connecting:

1. Choose connector (Azure SQL)
2. Enter location and database

For first time connections:

3. Choose Authentication Method
4. Enter credentials
5. Select scope of credentials
6. Connect



Credentials are on the bottom of the lesson page and may not match what is shown in the video!

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Troubleshooting

Authentication Issues?

Managing Credentials

- Go to Data Source Settings
- Filter for your Data Source
- Choose Edit (or Clear)

Common issues

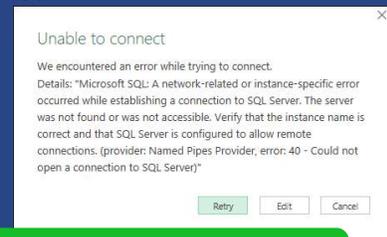
- Mis-spelled components
- Trailing spaces on copy/paste
- Incorrect account type

Unable to Connect?

Incorrect URL

Firewall issues

DB Offline



The most likely reason you can't connect to our database is your firewall blocking services

Extracting Data – You Have Options!

