**Step-by-Step Installation Guide**

1. **Download Azure Data Studio**:
   * Go to the Azure Data Studio download page ([Download and install Azure Data Studio - Azure Data Studio | Microsoft Learn](https://learn.microsoft.com/en-us/azure-data-studio/download-azure-data-studio?tabs=win-install%2Cwin-user-install%2Credhat-install%2Cwindows-uninstall%2Credhat-uninstall))
   * Under the "Windows" section, choose the **User Installer** (recommended) or **System Installer** based on your preference.
2. **Run the Installer**:
   * Once the download is complete, open the installer file.
   * Follow the prompts in the setup wizard:
     + Accept the license agreement.
     + Choose the installation folder.
     + Select the Start Menu folder.
     + Optionally, set up additional items like creating a desktop shortcut.
3. **Complete the Installation**:
   * Click **Install** to begin the installation process.
   * Once the installation is complete, click **Finish** to exit the setup wizard.
4. **Launch Azure Data Studio**:
   * Open Azure Data Studio from the Start Menu or desktop shortcut.
   * On the first launch, you might be prompted to install additional extensions or updates.

**Connecting to a MySQL Server**

1. **Install the MySQL Extension**:
   * In Azure Data Studio, click on the **Extensions** icon on the left sidebar.
   * Search for the **MySQL** extension and click **Install (**[**MySQL extension - Azure Data Studio | Microsoft Learn**](https://learn.microsoft.com/en-us/azure-data-studio/extensions/mysql-extension)**)**
   * Once installed, click **Reload** to activate the extension.
2. **Set Up the Connection**:
   * Click on the **Connections** icon on the left sidebar.
   * Click **New Connection**.
   * In the **Connection type** dropdown, select **MySQL (**[**Quickstart: Use Azure Data Studio to connect and query MySQL - Azure Data Studio | Microsoft Learn**](https://learn.microsoft.com/en-us/azure-data-studio/quickstart-mysql)**)**
   * Fill in the required details:
     + **Server name**: Your MySQL server name (e.g., localhost or your-server.mysql.database.azure.com).
     + **Authentication type**: Choose your preferred method (e.g., Password).
     + **User name**: Your MySQL username.
     + **Password**: Your MySQL password.
     + **Database name**: (Optional) Specify a database name if you want to connect to a specific database.
     + **Server group**: (Optional) Assign this connection to a server group.
     + **Name**: (Optional) Give a friendly name to your connection.
3. **Advanced Properties (Optional)**:
   * If your MySQL server requires SSL encryption, click on **Advanced...** and enter the SSL configuration details ([Quickstart: Use Azure Data Studio to connect and query MySQL - Azure Data Studio | Microsoft Learn](https://learn.microsoft.com/en-us/azure-data-studio/quickstart-mysql))
4. **Connect**:
   * Review the connection details and click **Connect**.
   * Once connected, your MySQL server will appear in the **SERVERS** sidebar.