Install MySQL server

# Install Microsoft 2019 Visual C Redistributable

1. Navigate to <https://docs.microsoft.com/en-us/cpp/windows/latest-supported-vc-redist?view=msvc-160>
2. Find the link to the x64 download and download and install the package.

# Install MySQL

1. Navigate to <https://dev.mysql.com/downloads/mysql/>. Click the "MySQL Installer for Windows" link.

Graphical user interface, text, application

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1. Download the first "Windows (x86, 32-bit), MSI Installer". (The installer is 32-bit but it will allow you to download the 64-bit version of MySQL.) On the "MySQL Community Downloads" page, click "No thanks, just start my download."
2. Once downloaded, click or double-click the installer file to run it.
3. On the main installer page, click "Custom". Click "Next".

Graphical user interface, application, Word

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1. Expand "MySQL Servers" and select the latest MySQL Server x64 version.
2. Expand "Applications" and select the latest MySQL Workbench x64 version.
3. Expand "MySQL Connectors". Expand "Connector/J" and select the latest "Connector/J". Click "Next".

Graphical user interface, text, application

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1. If you get a "Path Conflicts" page, just click "Next".
2. On the "Download" page, click "Execute". When done, click "Next".
3. On the "Installation" page, click "Execute". When done, click "Next".
4. On the "Product Configuration" page, click "Next".
5. On the "Type and Networking" page, leave all the settings the way they are and click "Next".
6. On the "Authentication Method" page, leave the settings the way they are and click "Next".
7. On the "Accounts and Roles" page, enter the password for the "root" account. Don't forget this password, as you will use this password for MySQL Workbench". Click "Check". Then click "Next".
8. On the Windows Service page, leave the settings the way they are and click "Next".
9. On the "Apply Configuration" page, click "Execute". When done, click "Finish".
10. On the "Product Configuration" page, click "Next".
11. On the "Installation Complete" page, click "Finish".

# Add to path

1. Click the Windows key and type "env" (without the quotes). Click "Edit environment variables for your account".

Graphical user interface, text, application

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1. Double-click on "Path" in the top section ("User variables…). Enter the path to the installed "bin" directory under the MySQL installation. (If you didn't change it, it's in "C:\Program Files\MySQL\MySQL Server 8.0".) So, click "New" and enter C:\Program Files\MySQL\MySQL Server 8.0\bin. Press Enter. Click OK.
2. Test the path by opening a *new* cmd window. Type mysql -u root -p and press Enter. You should be prompted for the root password.

# Download the employees sample database

1. Navigate in a browser to <https://github.com/datacharmer/test_db>.
2. Click the green "Code" button and select "Download Zip". If the download directory has one or more spaces in the name, move it to a directory that has no spaces in the name. Expand the .zip file into a directory.
3. In a cmd window, navigate to the expanded directory (the directory that has employees.sql in it).
4. Type: mysql -u root -p < employees.sql. You should be asked for the root password and then you should see something like this (and not a bunch of errors).

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# Create user for database

If you want, create a non-root user for the employees database. I like to create a user and password the same as the database name so that I won't forget them. (You can always access it through the root account and password.)

1. Open MySQL Workbench and log in with the root user and password.
2. Click the "Schemas" tab and make sure the "employees" schema is shown.

Graphical user interface, text, application

Description automatically generated

1. Click the "Administration" tab. Click "Users and Privileges".

Graphical user interface, text

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1. Click the "Add Account" button. Enter "employees" in the "Login name", "Password" and "Confirm Password".

Graphical user interface

Description automatically generated

1. Click the "Schema Privileges" tab. Click "Add Entry…"

Graphical user interface, application

Description automatically generated

1. Click "Selected schema:" and select the "employees" schema. Click "OK".

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1. Click "Select ALL". Click "Apply".

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1. Close MySQL Workbench.