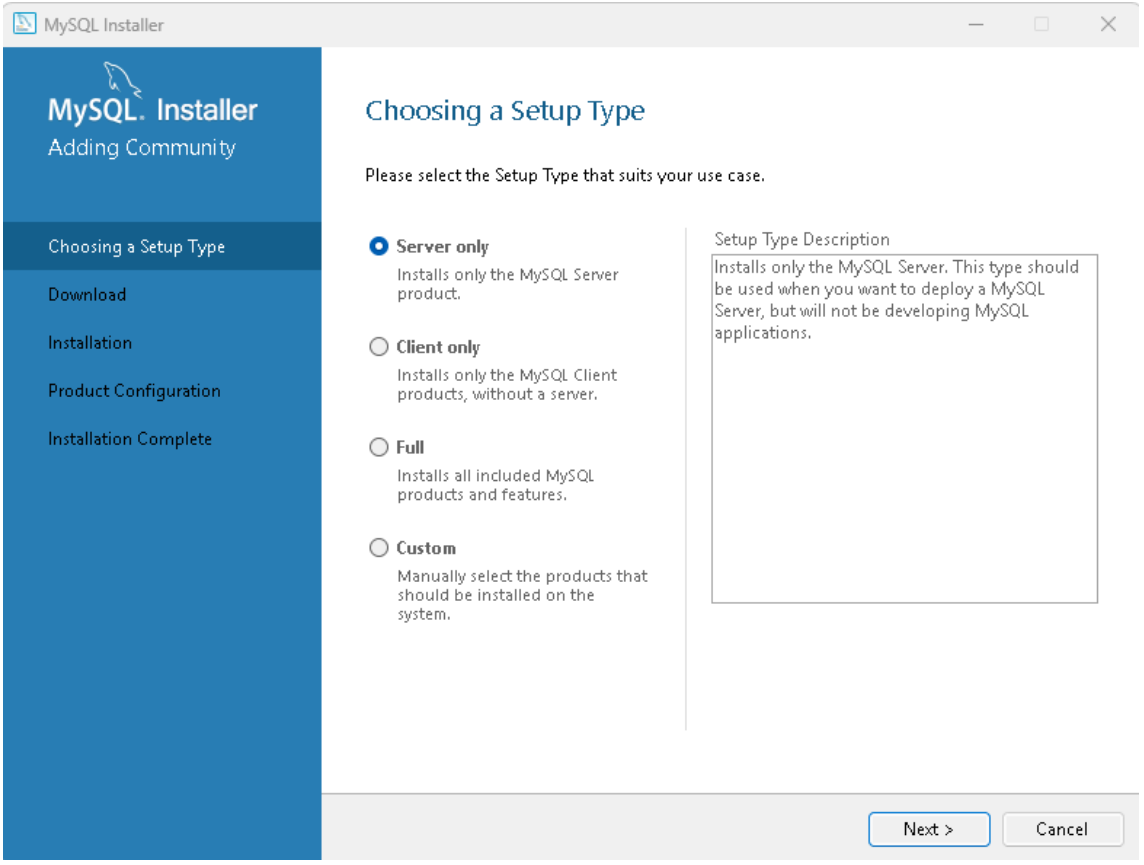
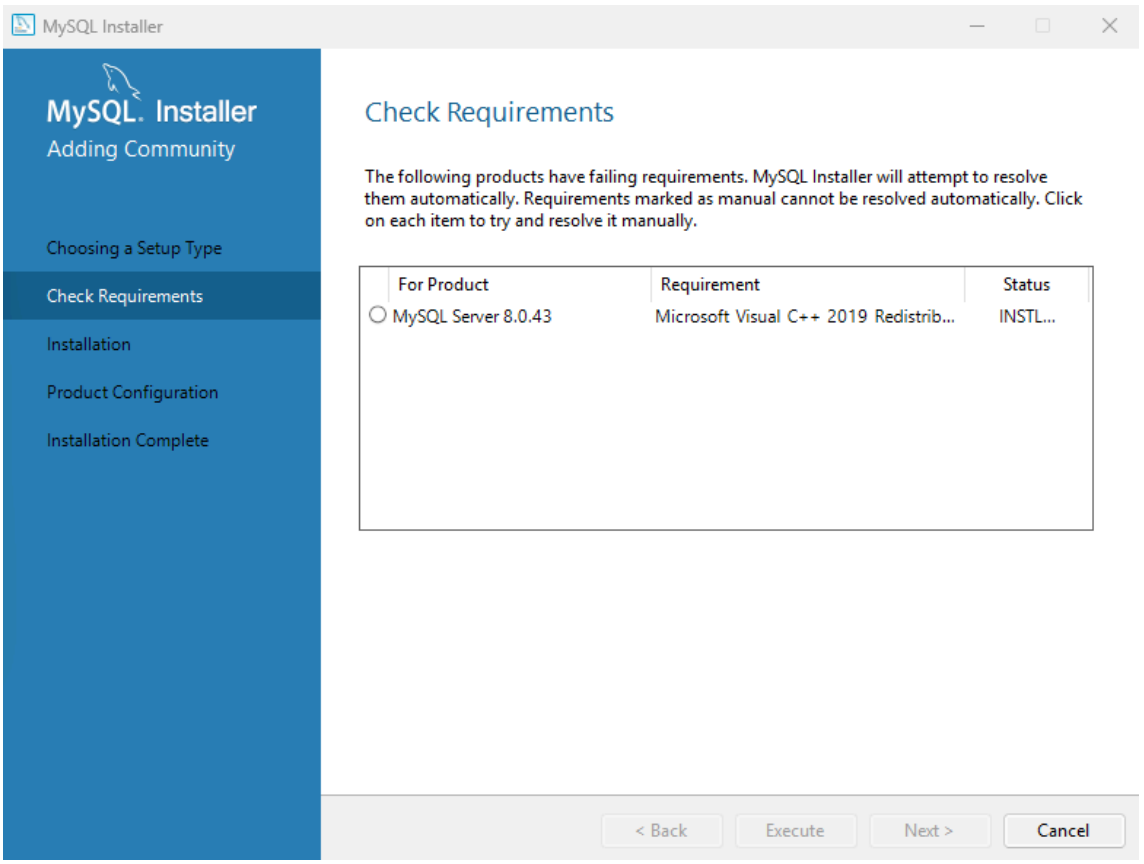
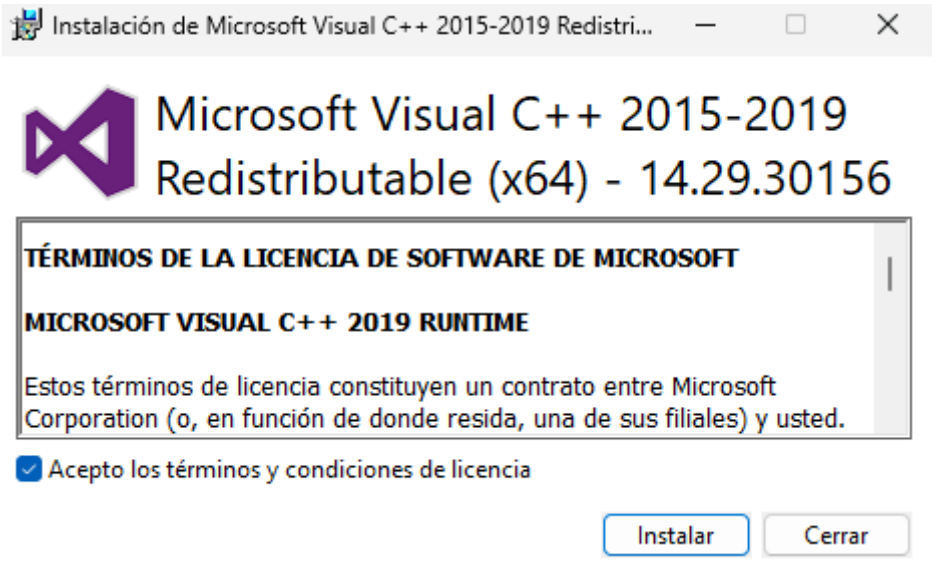
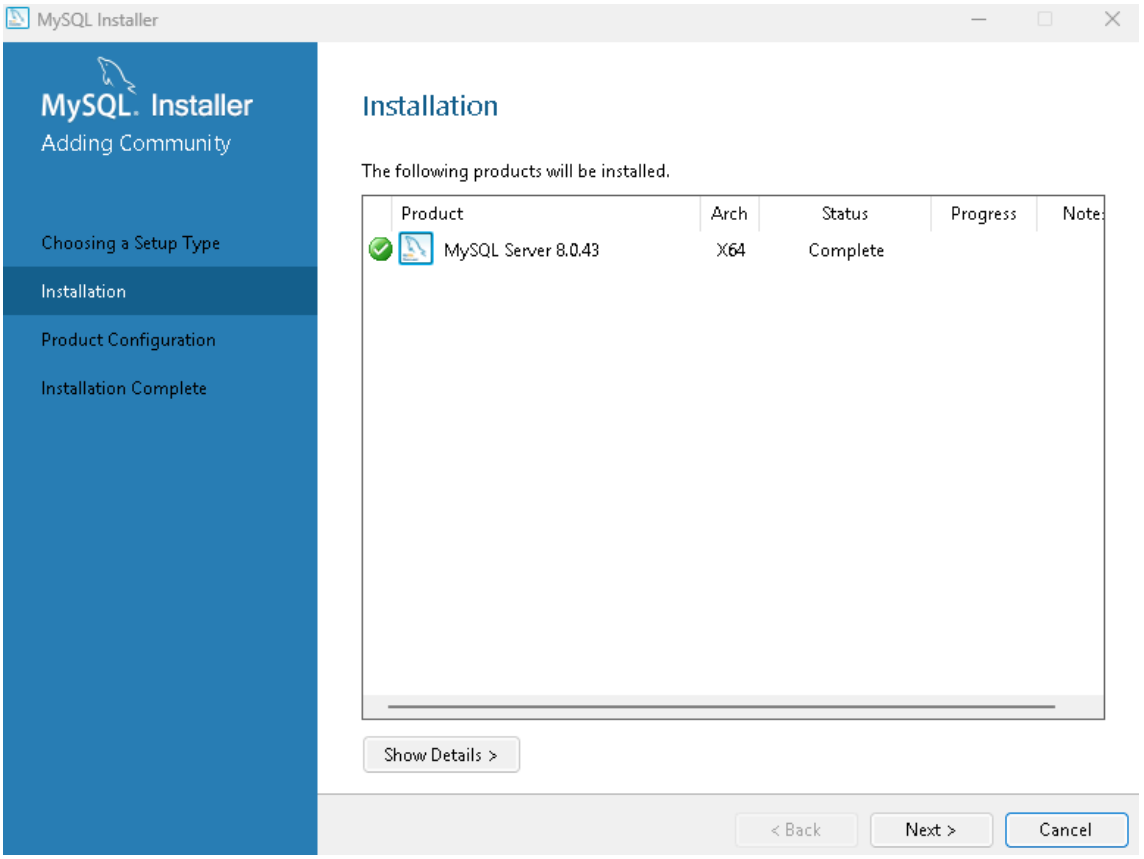
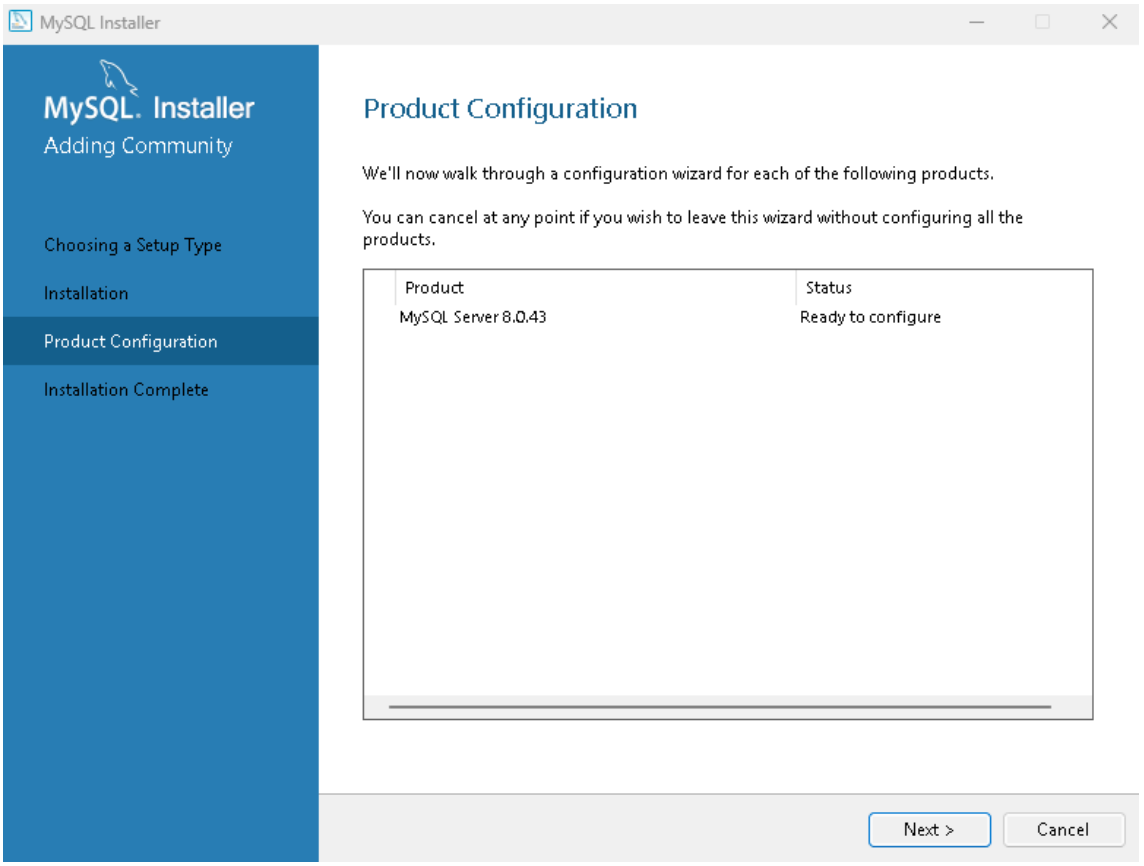
1. Instalación de MySql Server

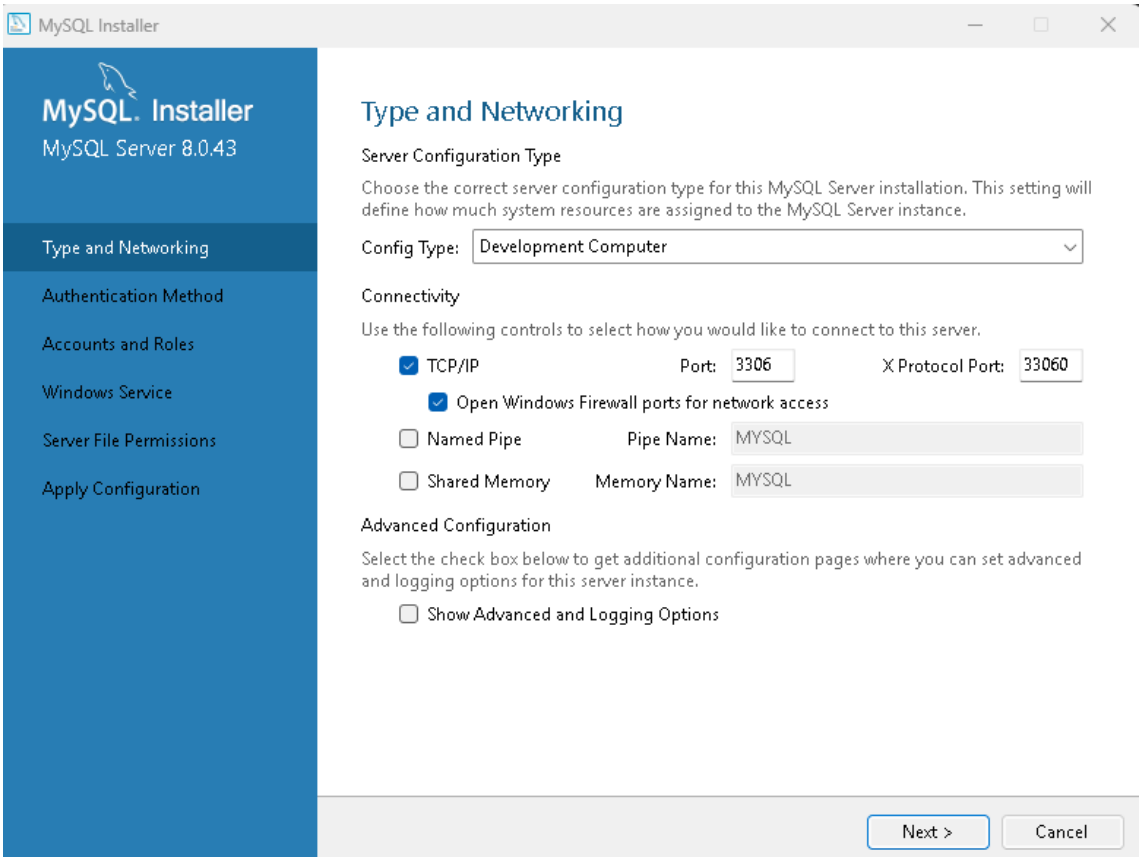


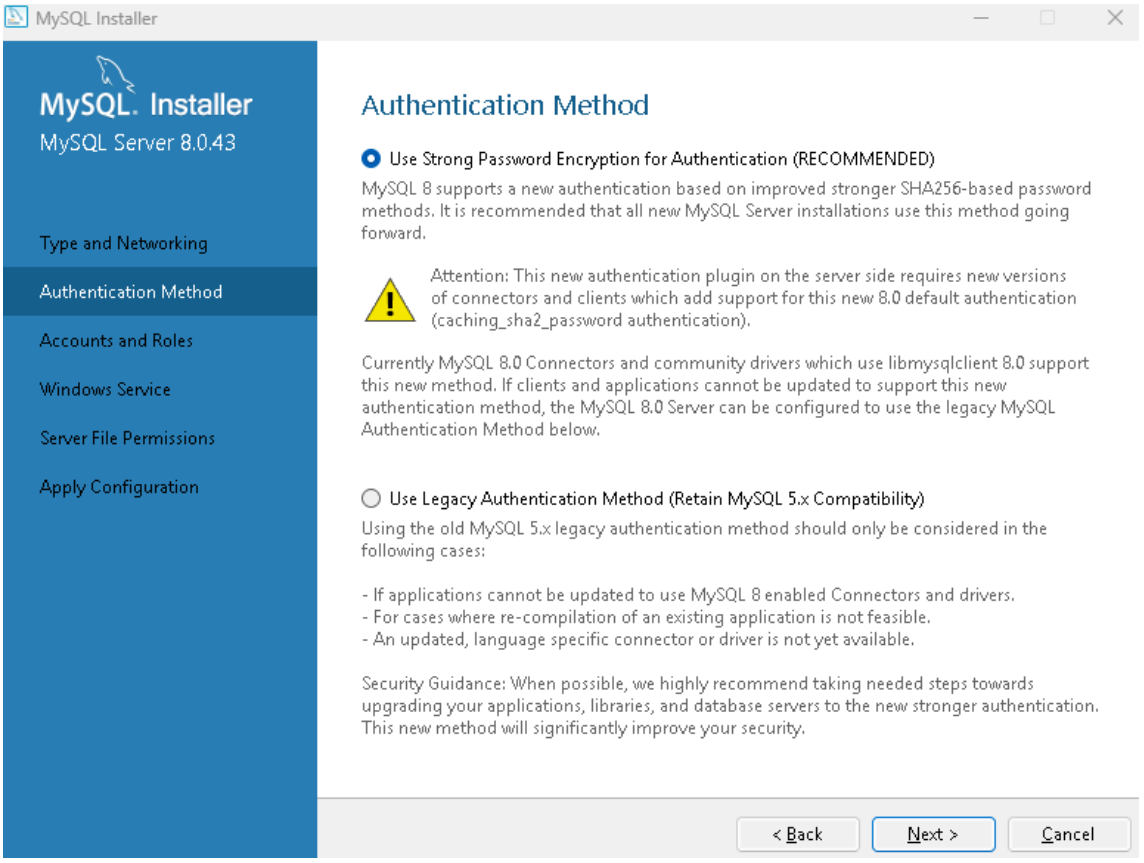


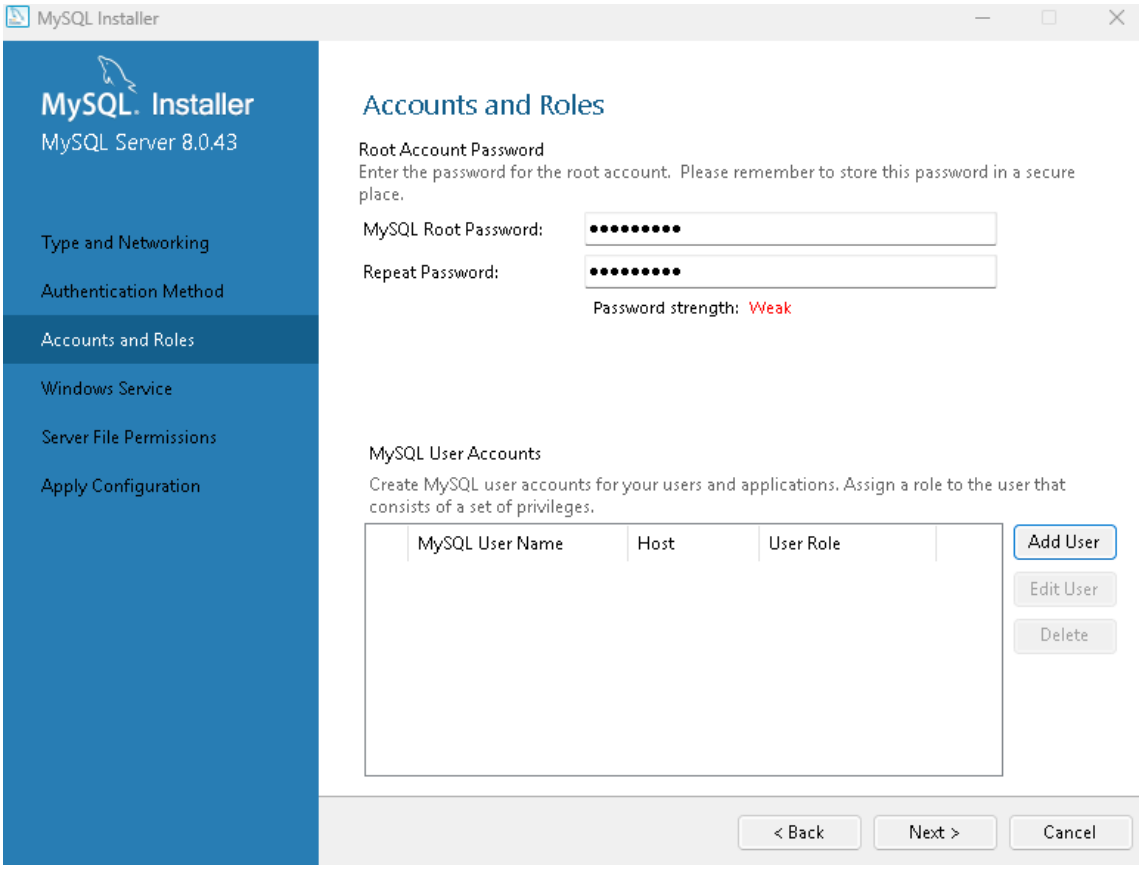

Instalación de Microsoft Visual C++ 2015-2019 Redistri...
Microsoft Visual C++ 2015-2019 Redistributable (x64) - 14.29.30156
TÉRMINOS DE LA LICENCIA DE SOFTWARE DE MICROSOFT
MICROSOFT VISUAL C++ 2019 RUNTIME
Estos términos de licencia constituyen un contrato entre Microsoft Corporation (o, en función de donde resida, una de sus filiales) y usted.
Acepto los términos y condiciones de licencia
Instalar
Cerrar

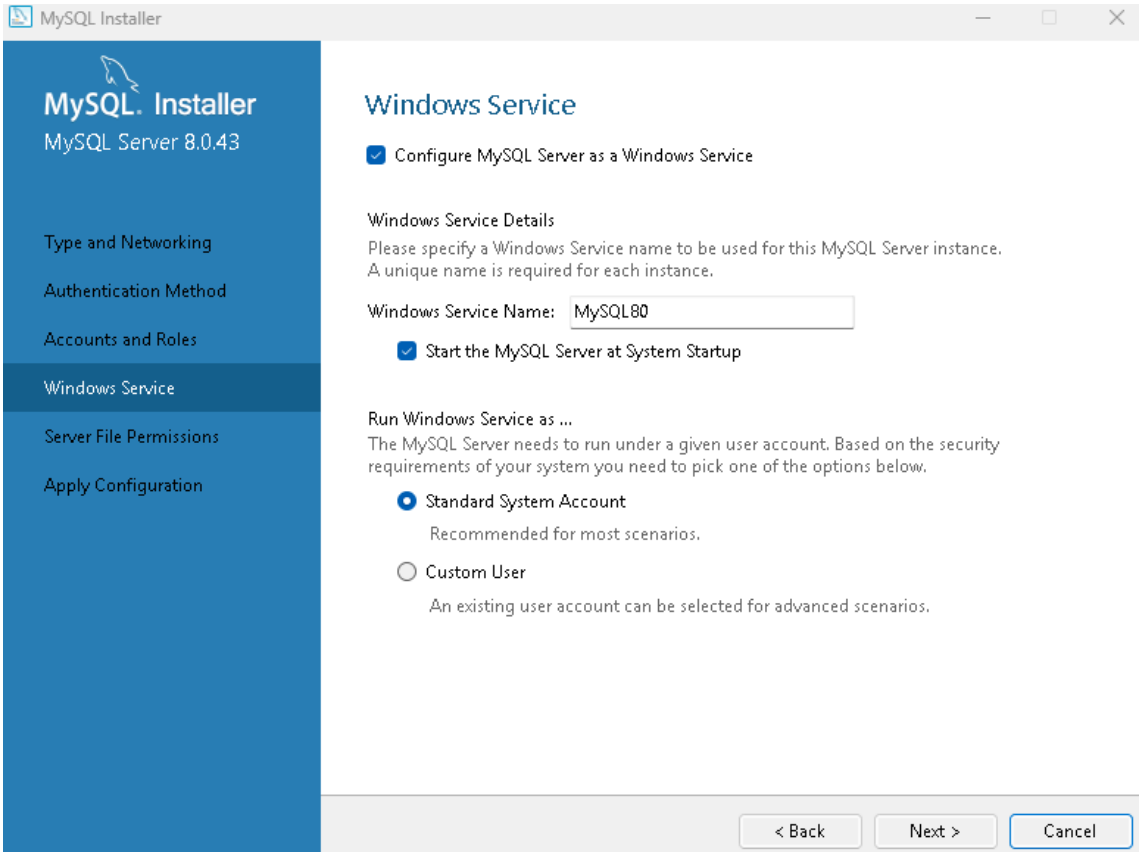

MySQL Installer
MySQL. Installer
Adding Community
Choosing a Setup Type
Installation
Product Configuration
Installation Complete
Installation
The following products will be installed.
Product
Arch
Status
Progress
Note
MySQL Server 8.0.43
X64
Complete
Show Details >
< Back
Next >
Cancel

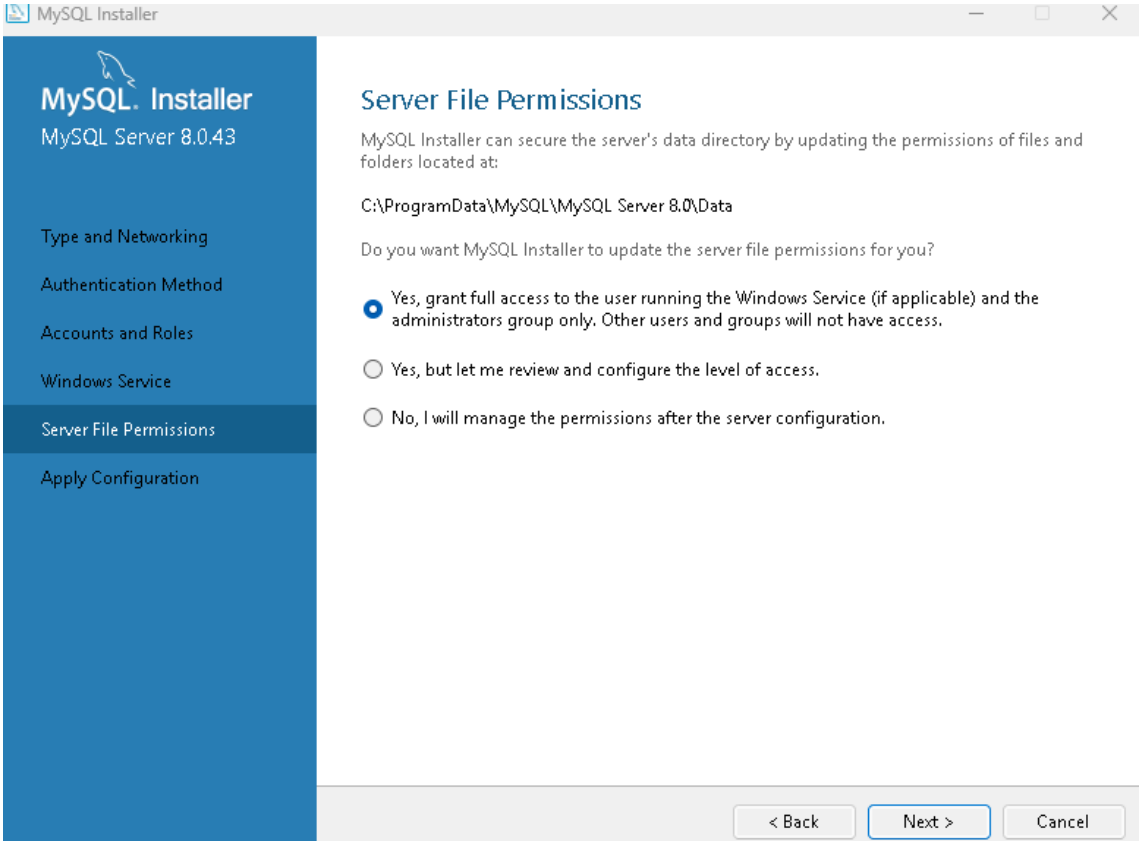

MySQL Installer
MySQL. Installer
Adding Community
Choosing a Setup Type
Installation
Product Configuration
Installation Complete
Product Configuration
We'll now walk through a configuration wizard for each of the following products.
You can cancel at any point if you wish to leave this wizard without configuring all the products.
Product
Status
MySQL Server 8.0.43
Ready to configure
Next >
Cancel

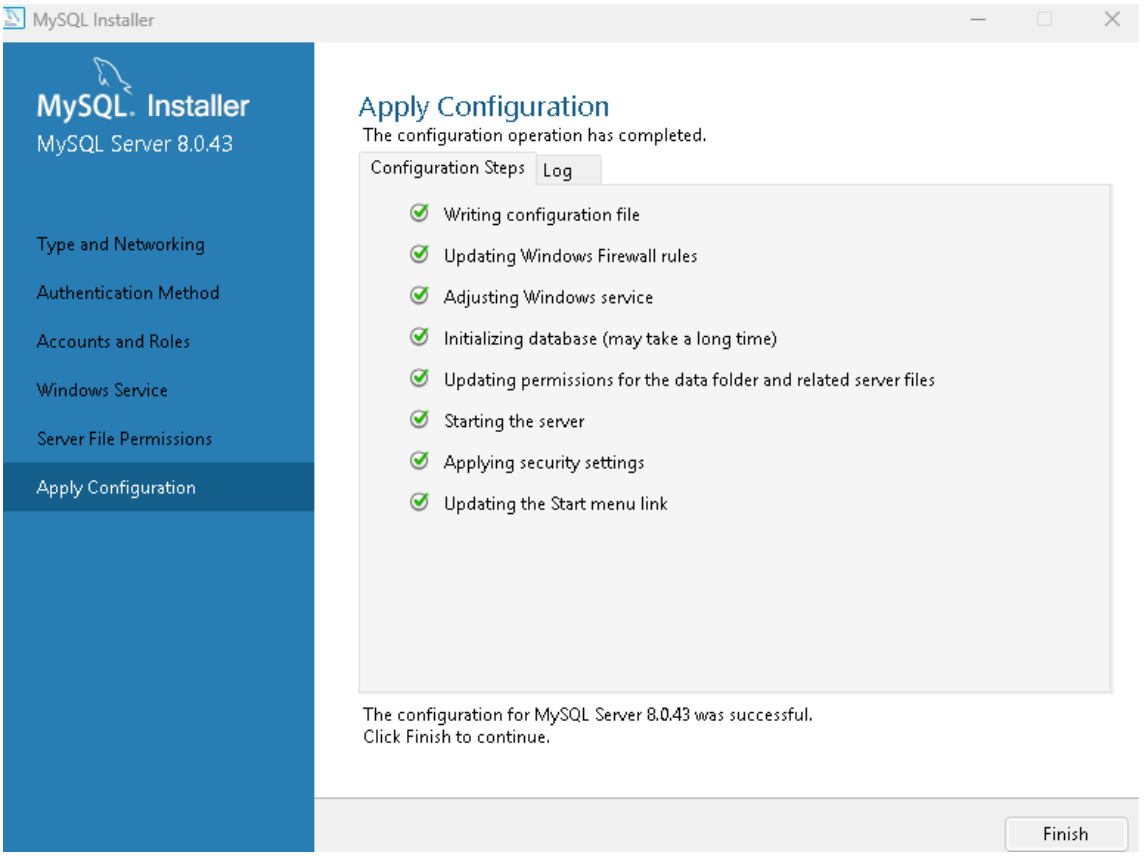

MySQL Installer
MySQL. Installer
MySQL Server 8.0.43
Type and Networking
Authentication Method
Accounts and Roles
Windows Service
Server File Permissions
Apply Configuration
Type and Networking
Server Configuration Type
Choose the correct server configuration type for this MySQL Server installation. This setting will define how much system resources are assigned to the MySQL Server instance.
Config Type:
Development Computer
Connectivity
Use the following controls to select how you would like to connect to this server.
TCP/IP
Port:
3306
X Protocol Port:
33060
Open Windows Firewall ports for network access
Named Pipe
Pipe Name:
MYSQL
Shared Memory
Memory Name:
MYSQL
Advanced Configuration
Select the check box below to get additional configuration pages where you can set advanced and logging options for this server instance.
Show Advanced and Logging Options
Next >
Cancel

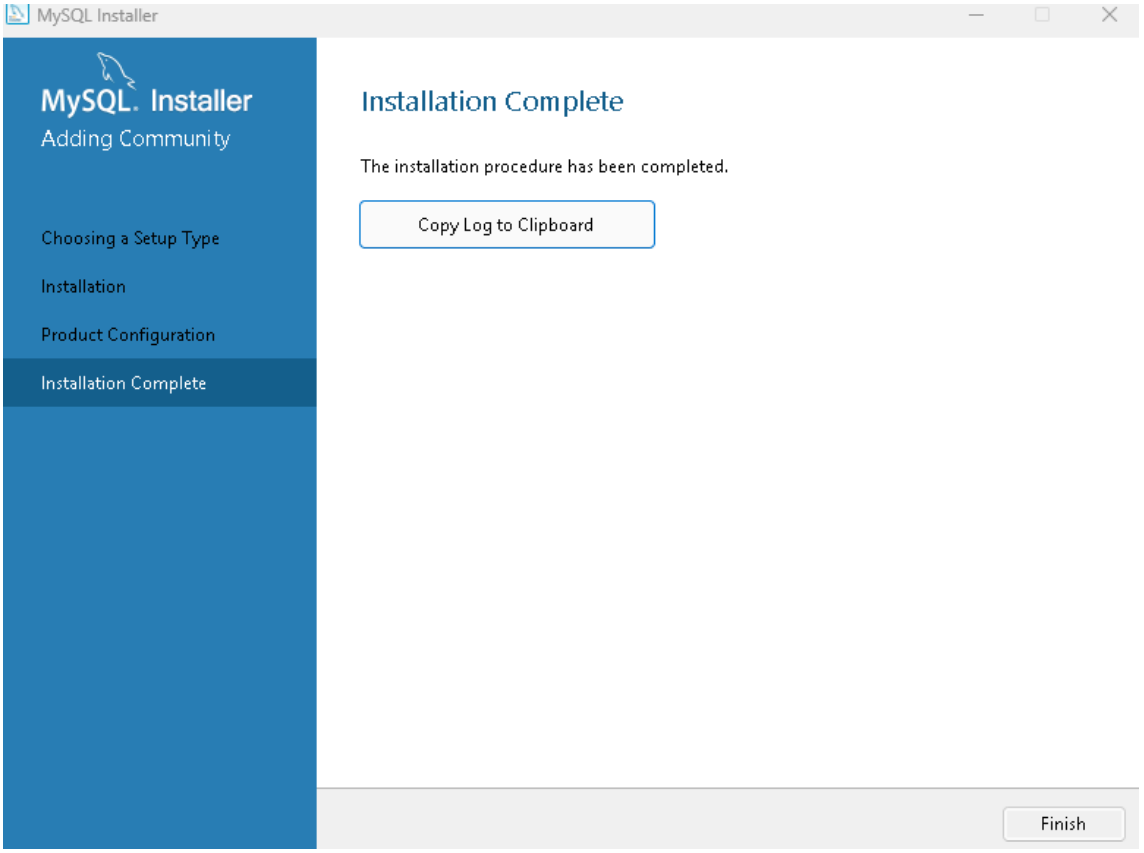

MySQL Installer
MySQL. Installer
MySQL Server 8.0.43
Type and Networking
Authentication Method
Accounts and Roles
Windows Service
Server File Permissions
Apply Configuration
Authentication Method
Use Strong Password Encryption for Authentication (RECOMMENDED)
MySQL 8 supports a new authentication based on improved stronger SHA256-based password methods. It is recommended that all new MySQL Server installations use this method going forward.
Attention: This new authentication plugin on the server side requires new versions of connectors and clients which add support for this new 8.0 default authentication (caching_sha2_password authentication).
Currently MySQL 8.0 Connectors and community drivers which use libmysqlclient 8.0 support this new method. If clients and applications cannot be updated to support this new authentication method, the MySQL 8.0 Server can be configured to use the legacy MySQL Authentication Method below.
Use Legacy Authentication Method (Retain MySQL 5.x Compatibility)
Using the old MySQL 5.x legacy authentication method should only be considered in the following cases:
- If applications cannot be updated to use MySQL 8 enabled Connectors and drivers.
- For cases where re-compilation of an existing application is not feasible.
- An updated, language specific connector or driver is not yet available.
Security Guidance: When possible, we highly recommend taking needed steps towards upgrading your applications, libraries, and database servers to the new stronger authentication. This new method will significantly improve your security.
< Back
Next >
Cancel


MySQL Installer
MySQL. Installer
MySQL Server 8.0.43
Type and Networking
Authentication Method
Accounts and Roles
Windows Service
Server File Permissions
Apply Configuration
Accounts and Roles
Root Account Password
Enter the password for the root account. Please remember to store this password in a secure place.
MySQL Root Password:
Repeat Password:
Password strength: Weak
MySQL User Accounts
Create MySQL user accounts for your users and applications. Assign a role to the user that consists of a set of privileges.
MySQL User Name
Host
User Role
Add User
Edit User
Delete
< Back
Next >
Cancel

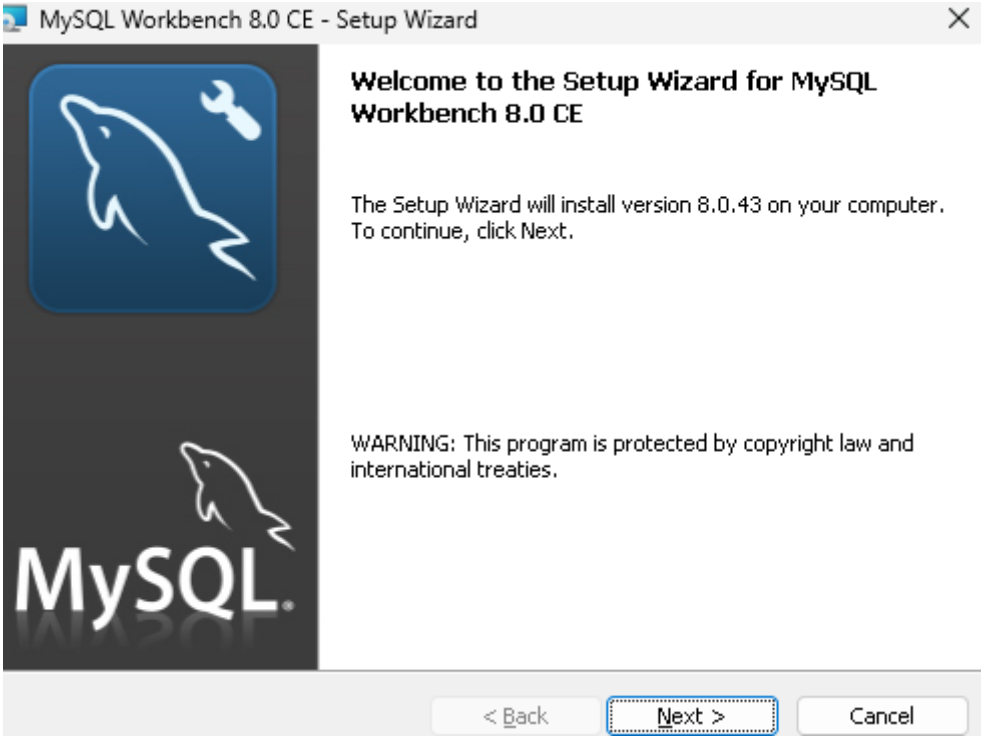

MySQL Installer
MySQL. Installer
MySQL Server 8.0.43
Type and Networking
Authentication Method
Accounts and Roles
Windows Service
Server File Permissions
Apply Configuration
Windows Service
Configure MySQL Server as a Windows Service
Windows Service Details
Please specify a Windows Service name to be used for this MySQL Server instance.
A unique name is required for each instance.
Windows Service Name: MySQL80
Start the MySQL Server at System Startup
Run Windows Service as ...
The MySQL Server needs to run under a given user account. Based on the security requirements of your system you need to pick one of the options below.
Standard System Account
Recommended for most scenarios.
Custom User
An existing user account can be selected for advanced scenarios.
< Back
Next >
Cancel

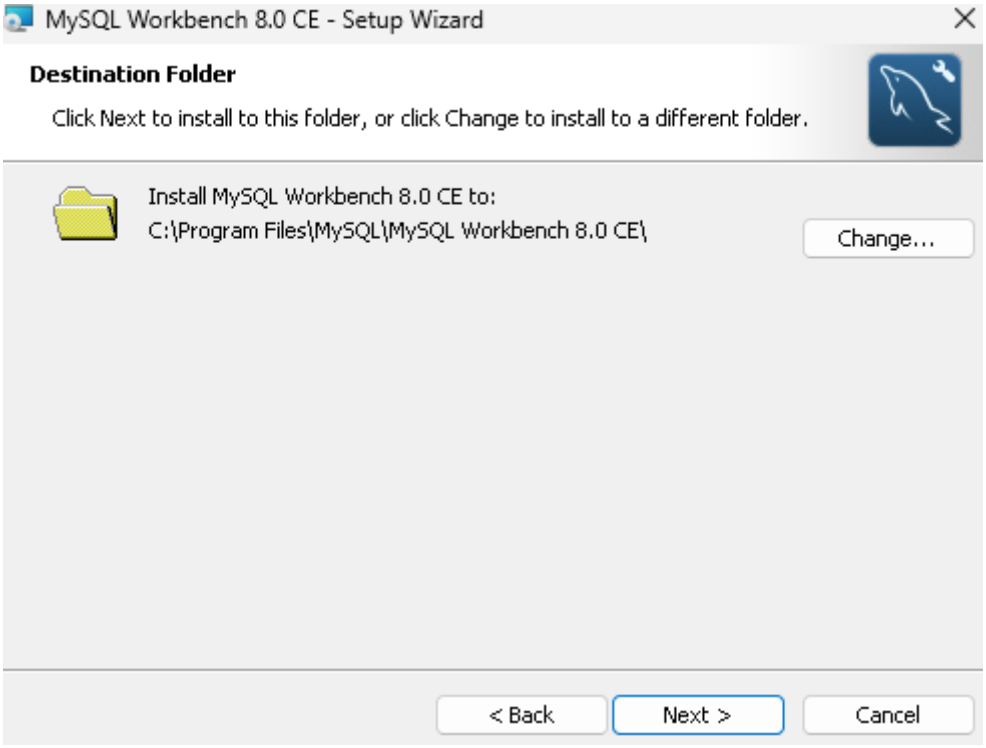

MySQL Installer
MySQL. Installer
MySQL Server 8.0.43
Type and Networking
Authentication Method
Accounts and Roles
Windows Service
Server File Permissions
Apply Configuration
Server File Permissions
MySQL Installer can secure the server's data directory by updating the permissions of files and folders located at:
C:\ProgramData\MySQL\MySQL Server 8.0\Data
Do you want MySQL Installer to update the server file permissions for you?
Yes, grant full access to the user running the Windows Service (if applicable) and the administrators group only. Other users and groups will not have access.
Yes, but let me review and configure the level of access.
No, I will manage the permissions after the server configuration.
< Back
Next >
Cancel

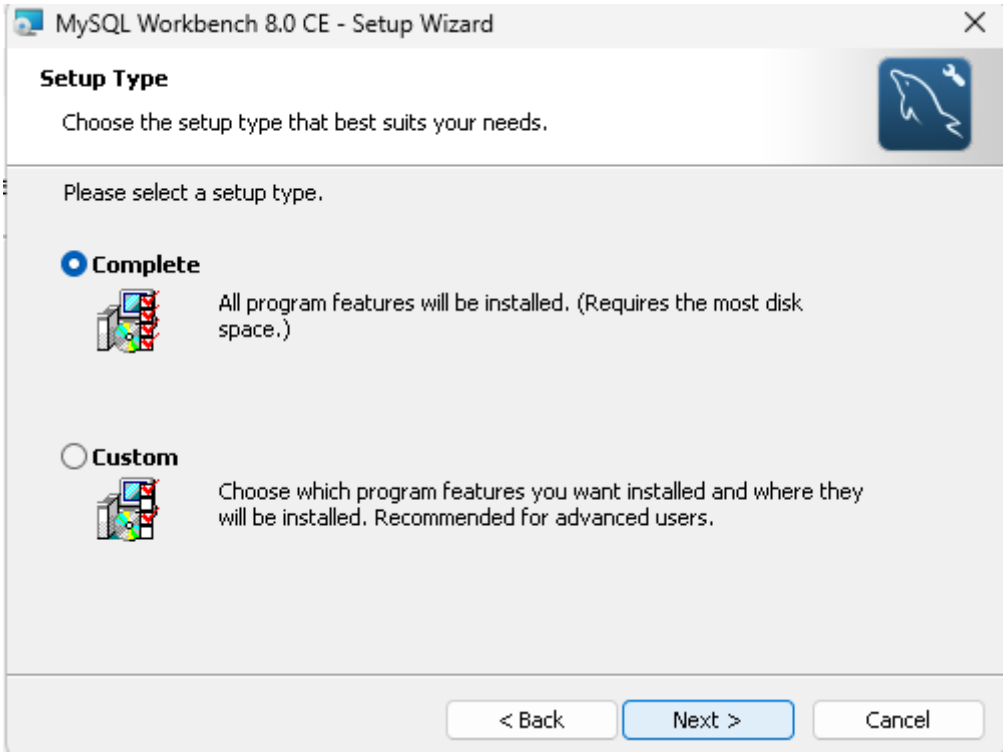

MySQL Installer
MySQL. Installer
MySQL Server 8.0.43
Type and Networking
Authentication Method
Accounts and Roles
Windows Service
Server File Permissions
Apply Configuration
Apply Configuration
The configuration operation has completed.
Configuration Steps
Log
Writing configuration file
Updating Windows Firewall rules
Adjusting Windows service
Initializing database (may take a long time)
Updating permissions for the data folder and related server files
Starting the server
Applying security settings
Updating the Start menu link
The configuration for MySQL Server 8.0.43 was successful.
Click Finish to continue.
Finish

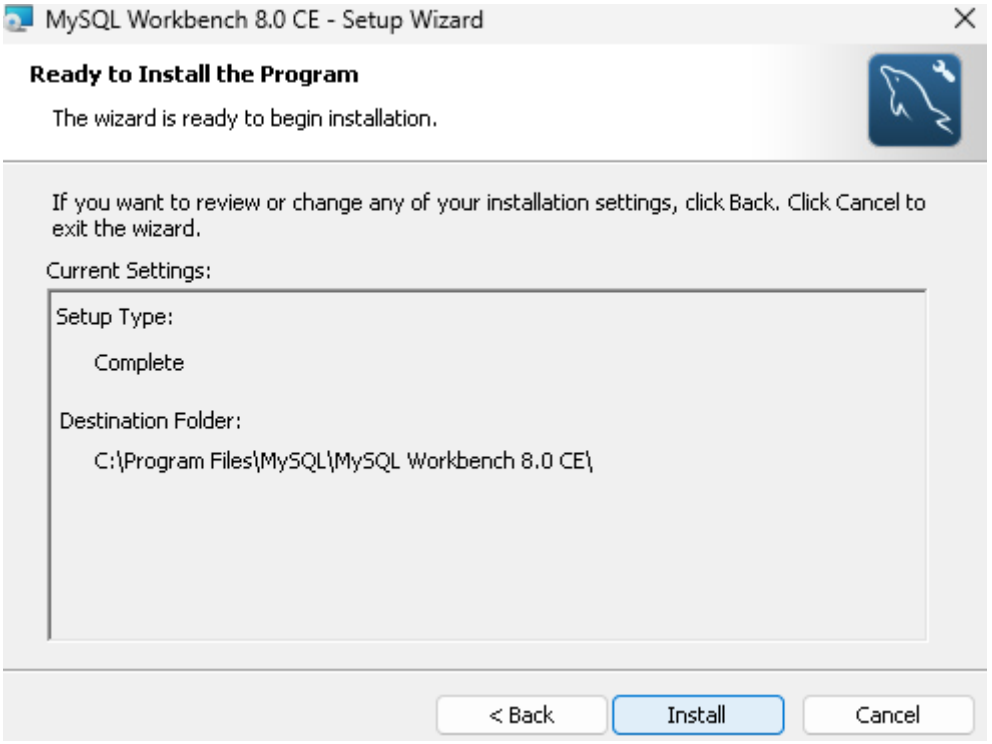

MySQL Installer
MySQL. Installer
Adding Community
Choosing a Setup Type
Installation
Product Configuration
Installation Complete
Installation Complete
The installation procedure has been completed.
Copy Log to Clipboard
Finish

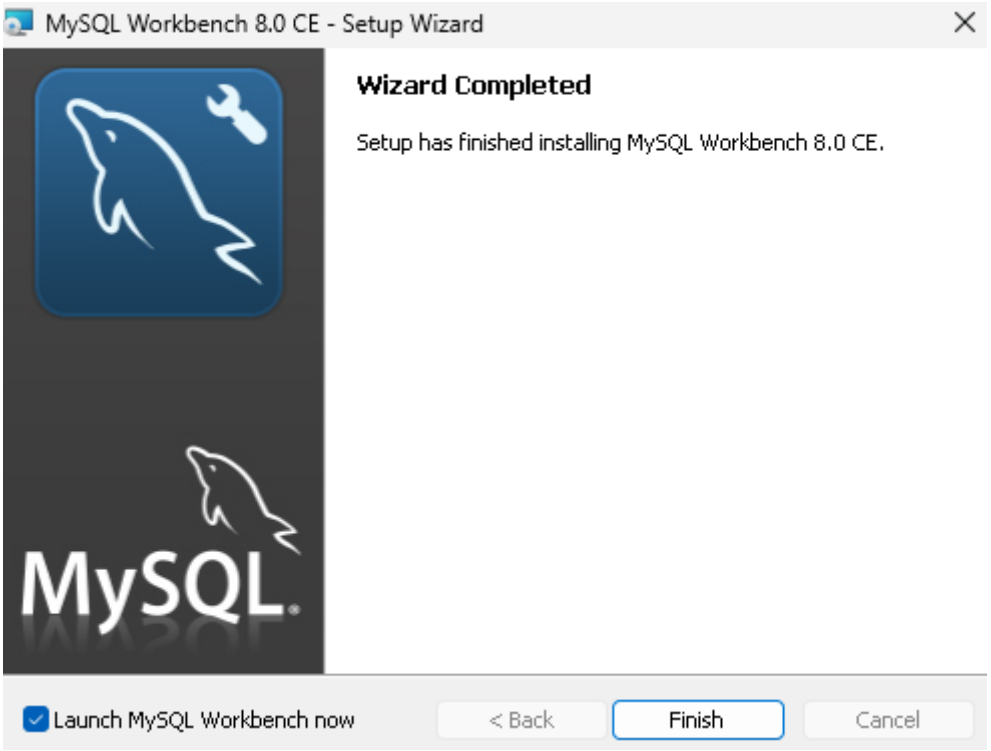
. MYSQL WORKBENCH



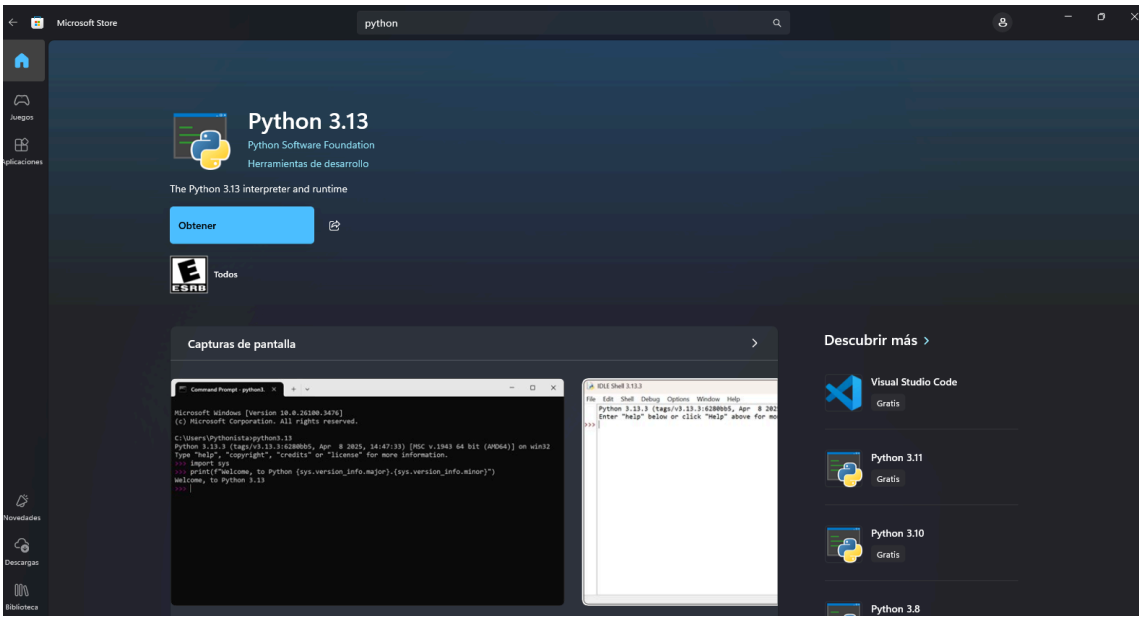



MySQL Workbench 8.0 CE - Setup Wizard
Setup Type
Choose the setup type that best suits your needs.
Please select a setup type.
Complete
All program features will be installed. (Requires the most disk space.)
Custom
Choose which program features you want installed and where they will be installed. Recommended for advanced users.
< Back
Next >
Cancel

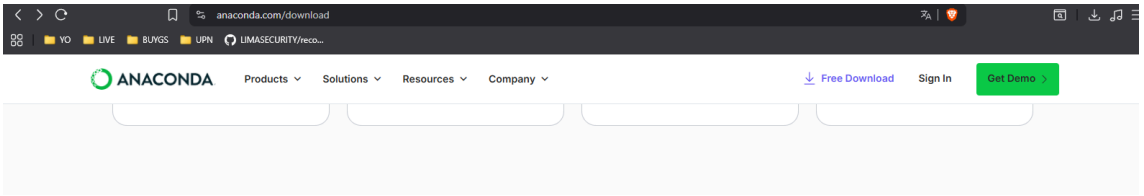

MySQL Workbench 8.0 CE - Setup Wizard
Ready to Install the Program
The wizard is ready to begin installation.
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
Current Settings:
Setup Type:
Complete
Destination Folder:
C:\Program Files\MySQL\MySQL Workbench 8.0 CE\
< Back
Install
Cancel



2. Instalación de Python



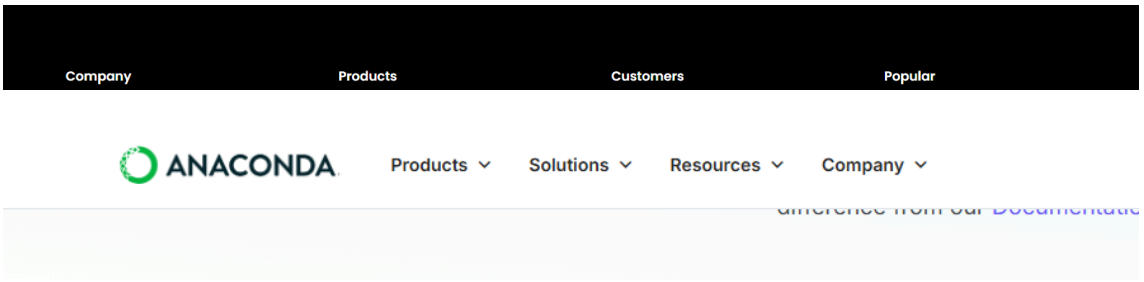
3. Instalación de Anaconda



Miniconda Installer

Miniconda is a free minimal installer for conda. It is a small bootstrap version of Anaconda that includes only conda, Python, the packages they both depend on, and a small number of other useful packages (like pip, zlib, and a few others).

Download Miniconda Installer

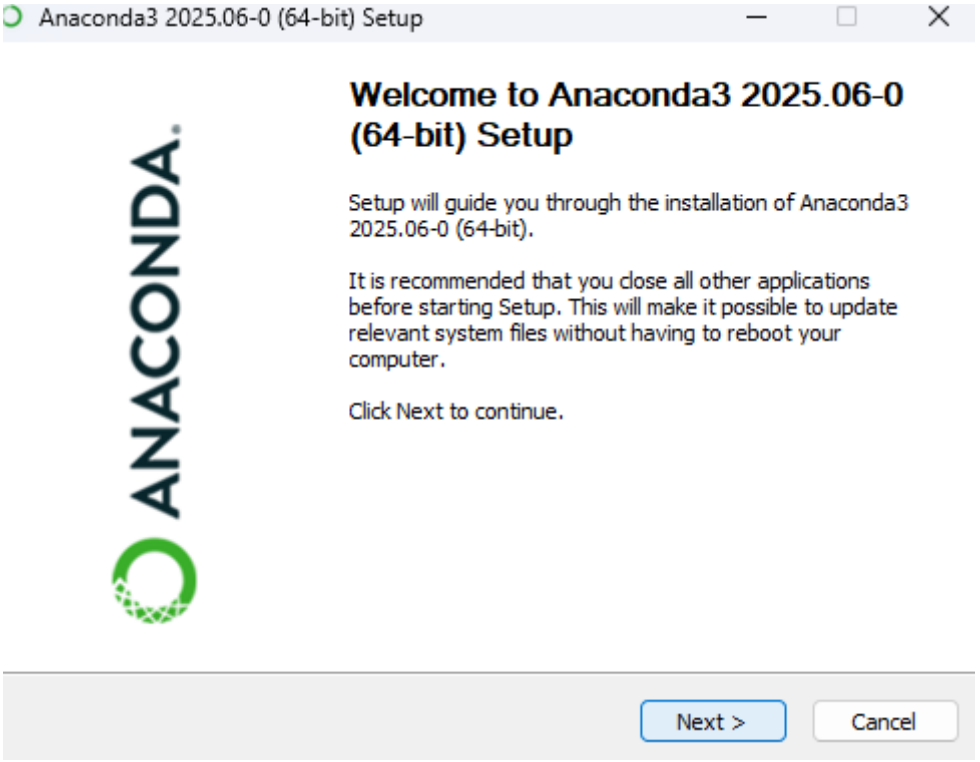


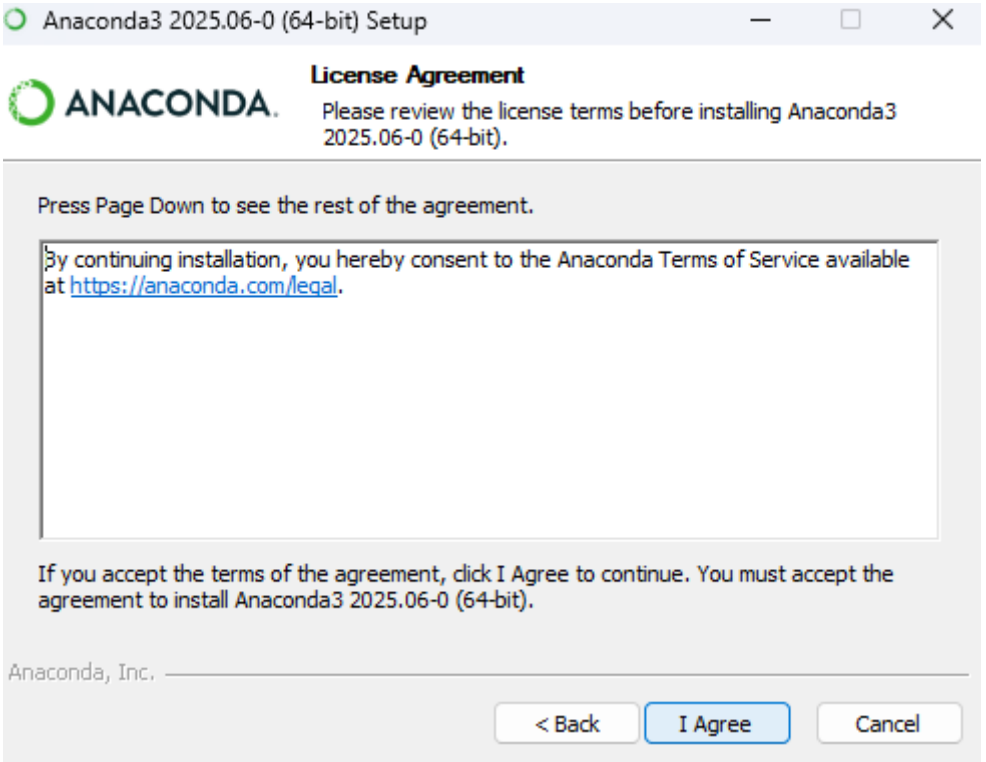
Distribution Installers

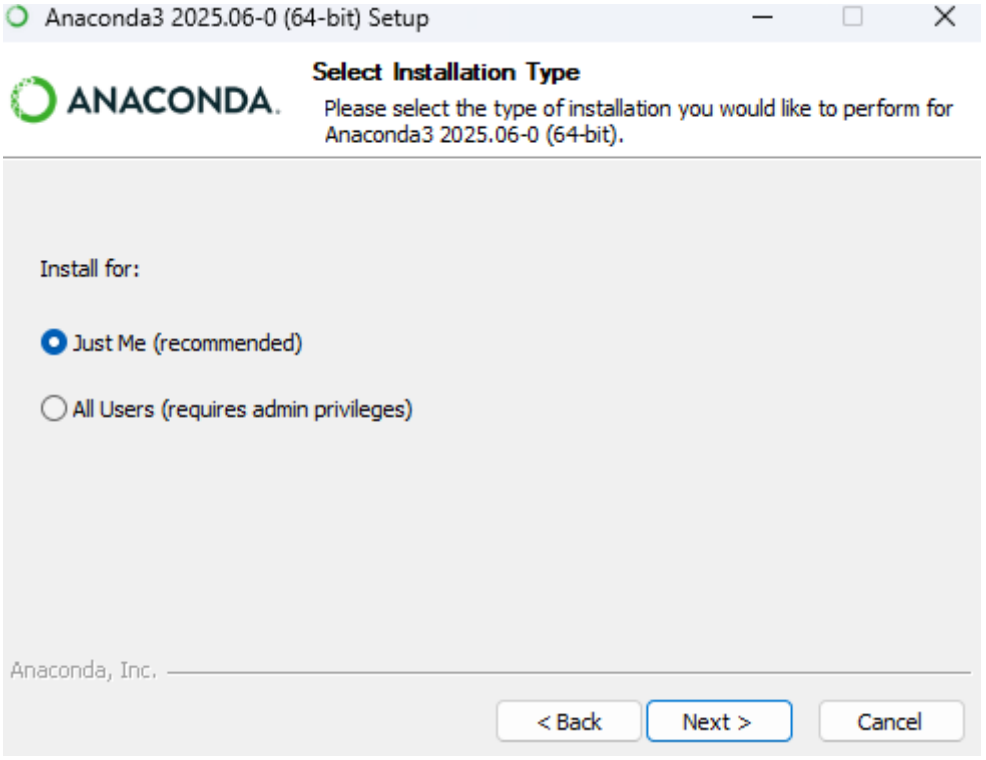
Download

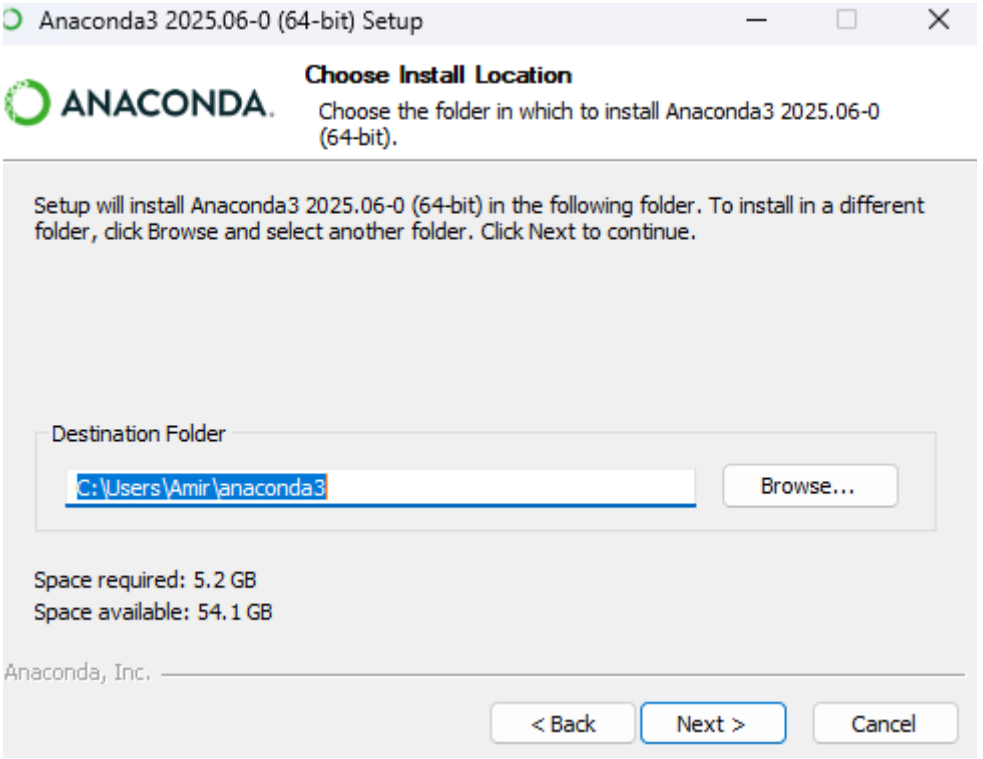
For installation assistance, refer to troubleshooting.

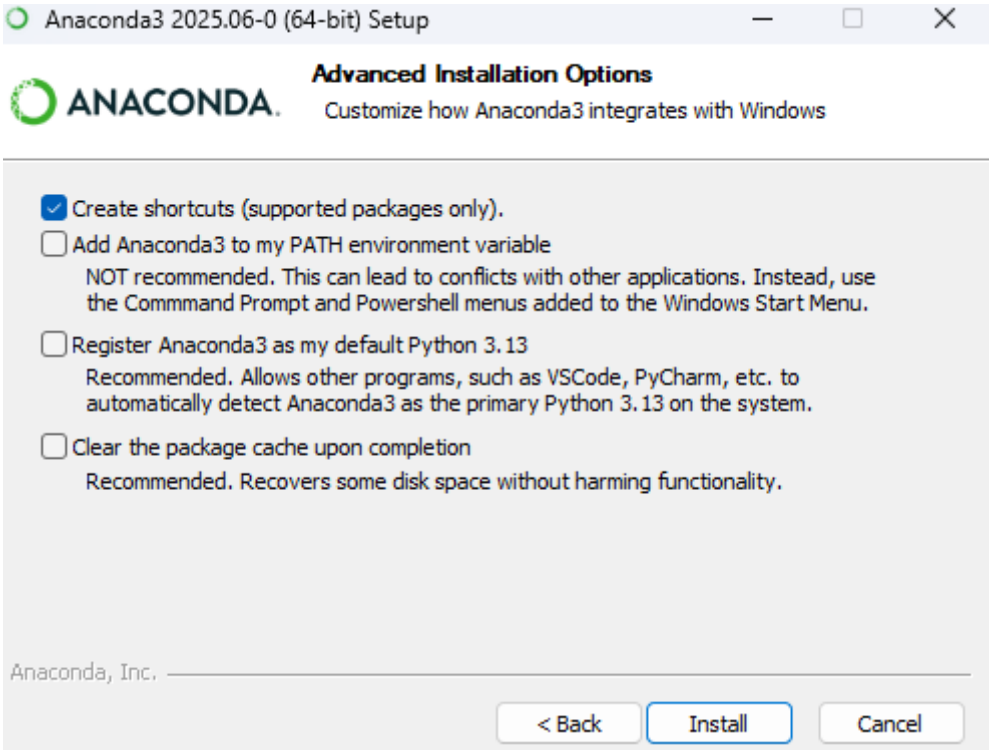
- Windows
- Mac
- Linux

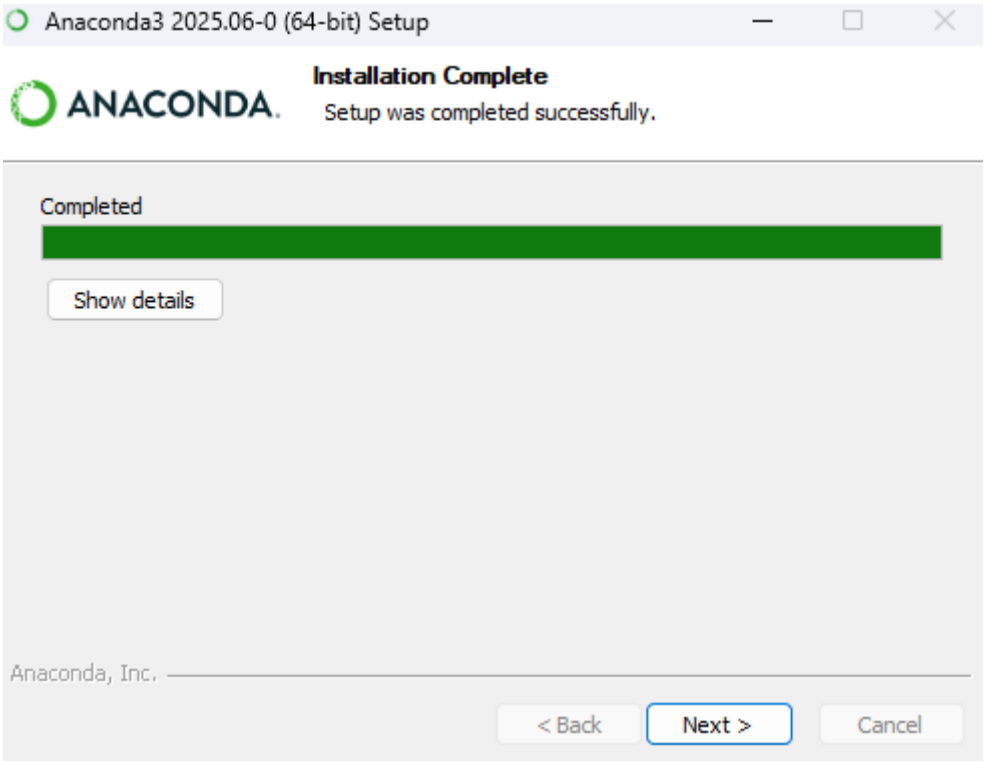

Anaconda3 2025.06-0 (64-bit) Setup
ANACONDA.
Welcome to Anaconda3 2025.06-0 (64-bit) Setup
Setup will guide you through the installation of Anaconda3 2025.06-0 (64-bit).
It is recommended that you close all other applications before starting Setup. This will make it possible to update relevant system files without having to reboot your computer.
Click Next to continue.
Next >
Cancel

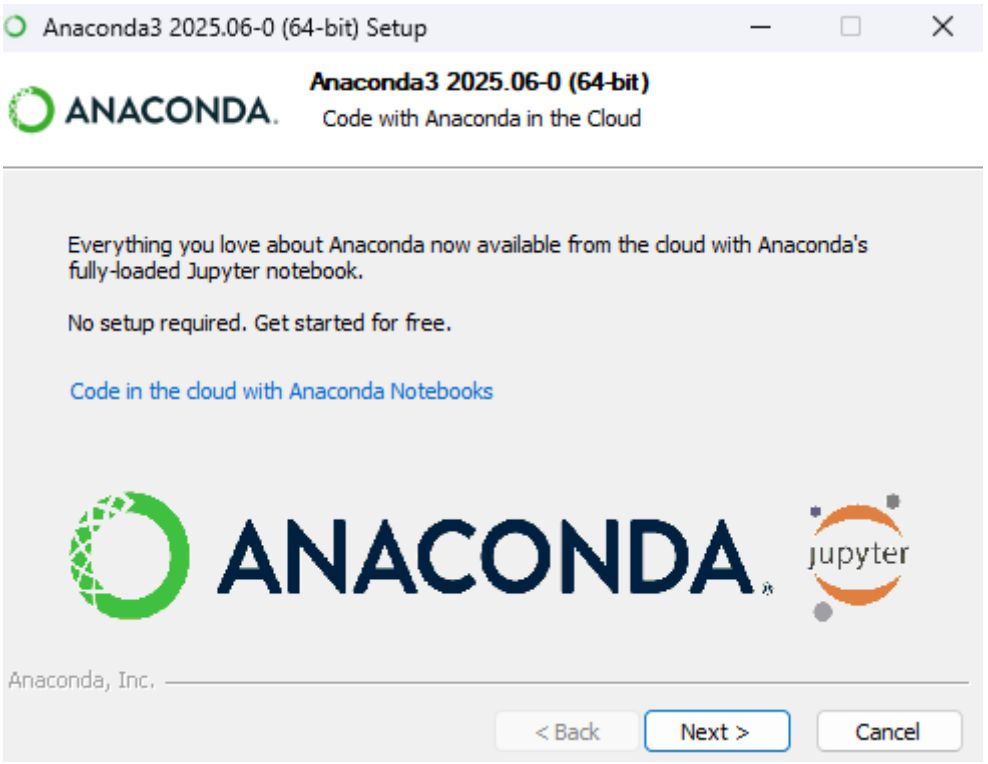

Anaconda3 2025.06-0 (64-bit) Setup
ANACONDA.
License Agreement
Please review the license terms before installing Anaconda3 2025.06-0 (64-bit).
Press Page Down to see the rest of the agreement.
By continuing installation, you hereby consent to the Anaconda Terms of Service available at https://anaconda.com/legal.
If you accept the terms of the agreement, click I Agree to continue. You must accept the agreement to install Anaconda3 2025.06-0 (64-bit).
Anaconda, Inc.
< Back
I Agree
Cancel

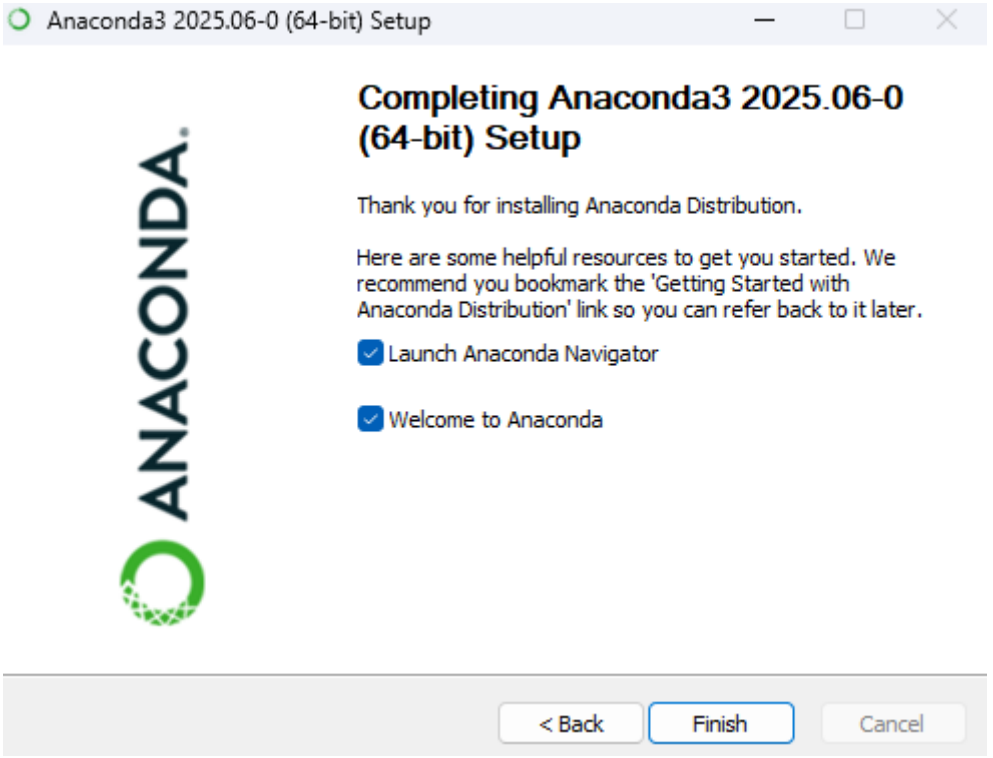

Anaconda3 2025.06-0 (64-bit) Setup
ANACONDA.
Select Installation Type
Please select the type of installation you would like to perform for Anaconda3 2025.06-0 (64-bit).
Install for:
Just Me (recommended)
All Users (requires admin privileges)
Anaconda, Inc.
< Back
Next >
Cancel


Anaconda3 2025.06-0 (64-bit) Setup
ANACONDA.
Choose Install Location
Choose the folder in which to install Anaconda3 2025.06-0 (64-bit).
Setup will install Anaconda3 2025.06-0 (64-bit) in the following folder. To install in a different folder, click Browse and select another folder. Click Next to continue.
Destination Folder
C:\Users\Amir\anaconda3
Browse...
Space required: 5.2 GB
Space available: 54.1 GB
Anaconda, Inc.
< Back
Next >
Cancel

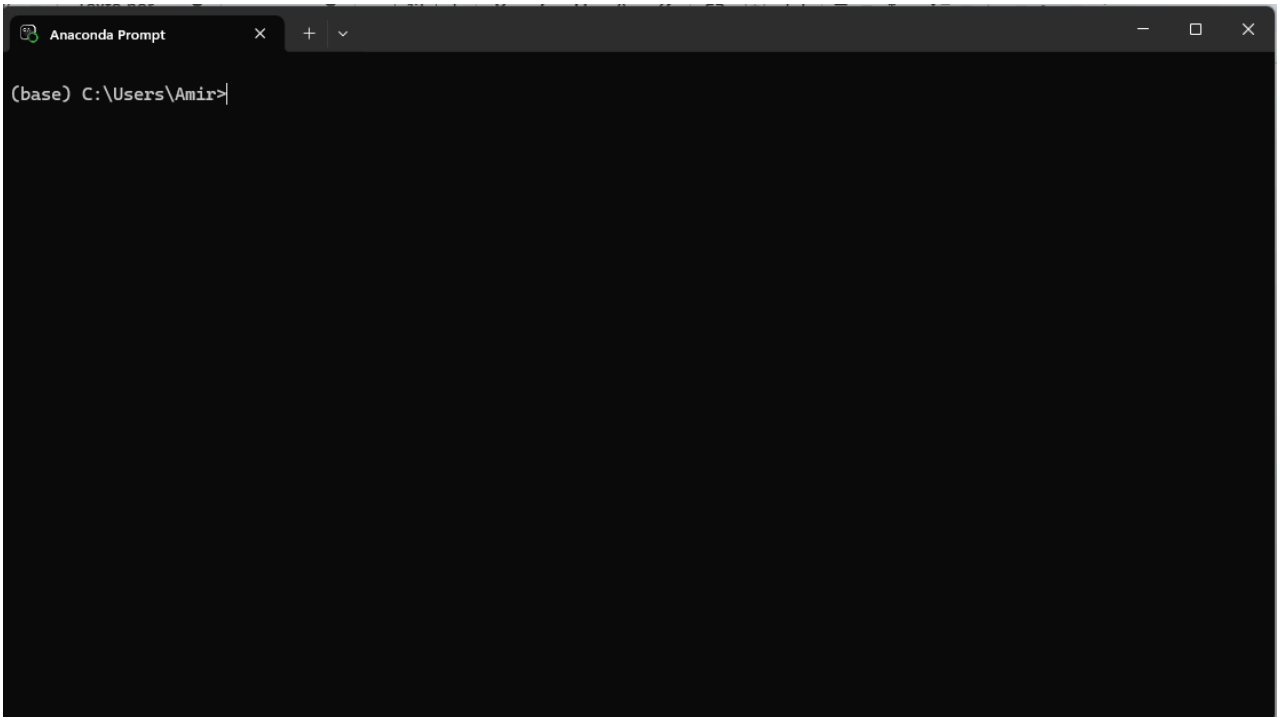

Anaconda3 2025.06-0 (64-bit) Setup
ANACONDA.
Advanced Installation Options
Customize how Anaconda3 integrates with Windows
Create shortcuts (supported packages only).
Add Anaconda3 to my PATH environment variable
NOT recommended. This can lead to conflicts with other applications. Instead, use the Commmand Prompt and Powershell menus added to the Windows Start Menu.
Register Anaconda3 as my default Python 3.13
Recommended. Allows other programs, such as VSCode, PyCharm, etc. to automatically detect Anaconda3 as the primary Python 3.13 on the system.
Clear the package cache upon completion
Recommended. Recovers some disk space without harming functionality.
Anaconda, Inc.
< Back
Install
Cancel


Anaconda3 2025.06-0 (64-bit) Setup
ANACONDA.
Installation Complete
Setup was completed successfully.
Completed
Show details
Anaconda, Inc.
< Back
Next >
Cancel


Anaconda3 2025.06-0 (64-bit) Setup
ANACONDA.
Anaconda3 2025.06-0 (64-bit)
Code with Anaconda in the Cloud
Everything you love about Anaconda now available from the cloud with Anaconda's fully-loaded Jupyter notebook.
No setup required. Get started for free.
Code in the cloud with Anaconda Notebooks
ANACONDA.
jupyter
Anaconda, Inc.
< Back
Next >
Cancel


Anaconda3 2025.06-0 (64-bit) Setup
ANACONDA.
Completing Anaconda3 2025.06-0 (64-bit) Setup
Thank you for installing Anaconda Distribution.
Here are some helpful resources to get you started. We recommend you bookmark the 'Getting Started with Anaconda Distribution' link so you can refer back to it later.
Launch Anaconda Navigator
Welcome to Anaconda
< Back
Finish
Cancel

4. Anaconda Prompt



- Copiar y pegar estos comandos
  - Primer comando

    cd C:\Users\Amir\Desktop\PROGRAMA
  - Segundo comando

    conda create -n reconocimiento-facial python=3.13
  - Tercer comando

    conda activate reconocimiento-facial
- Instalar librerias

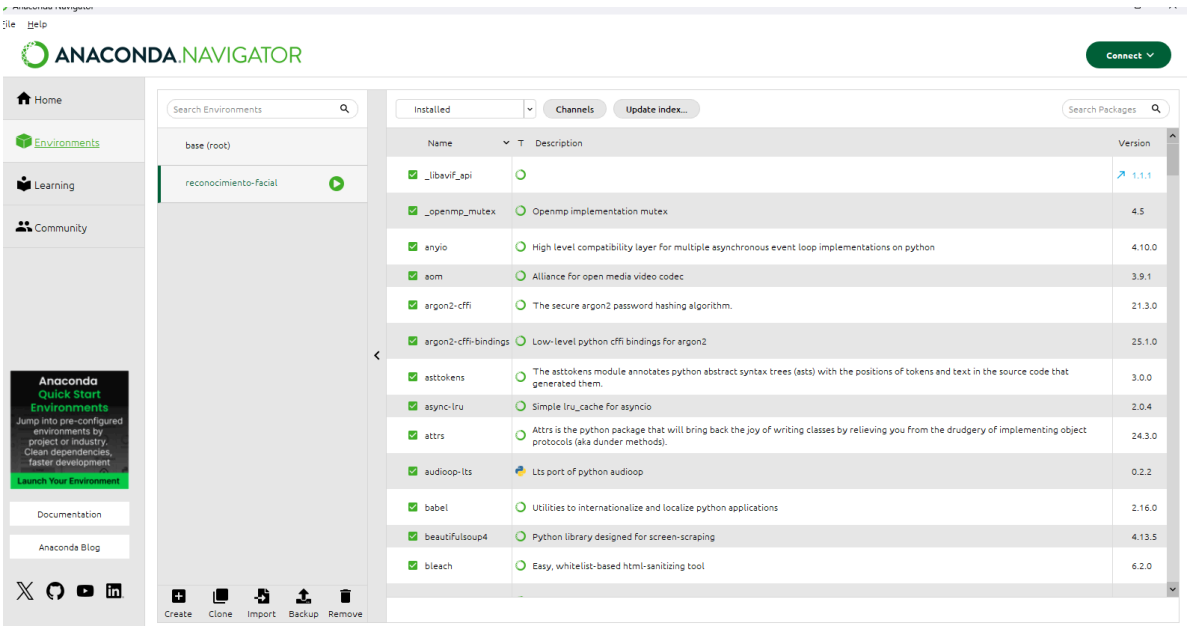
  conda install numpy matplotlib mysql-connector-python -c conda-forge

  pip install speechrecognition pyttsx3 pyaudio

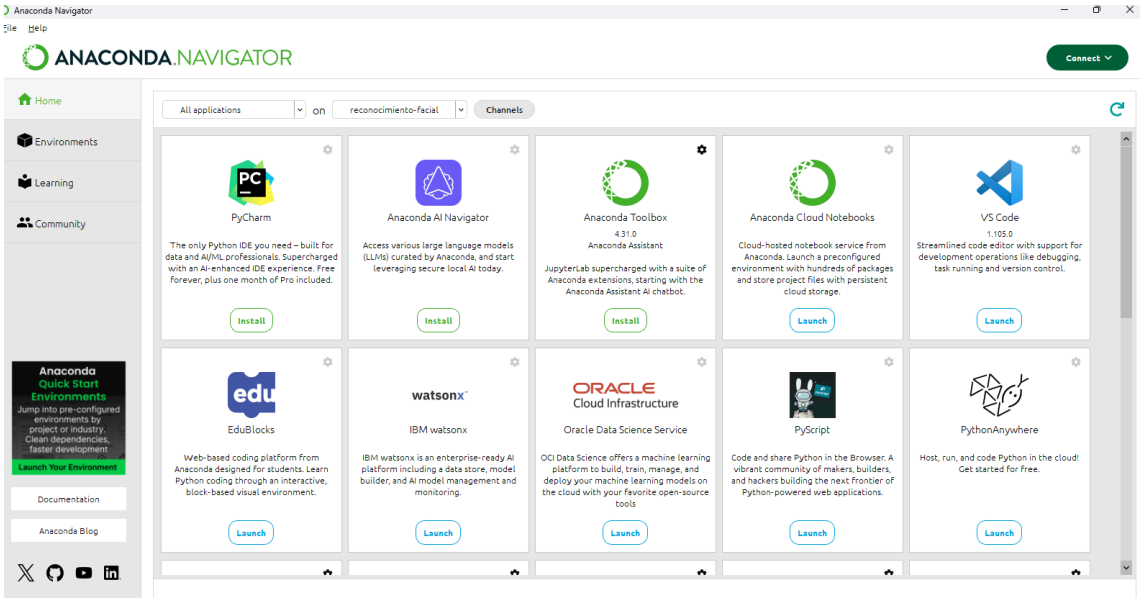
  pip install opencv-python

  pip install pywin32 pypiwin32

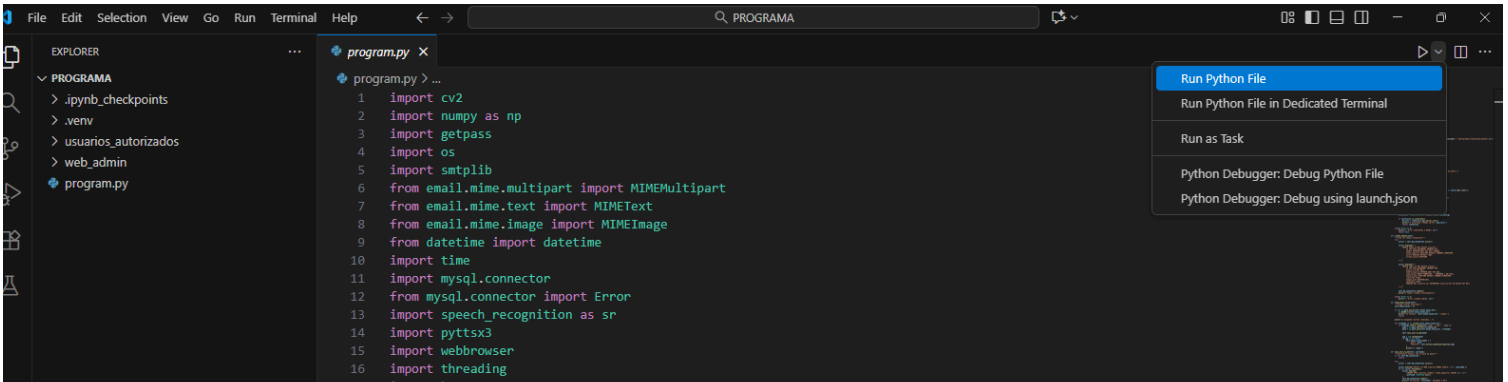
5. Iniciar el entorno virtual (reconocimiento facial)

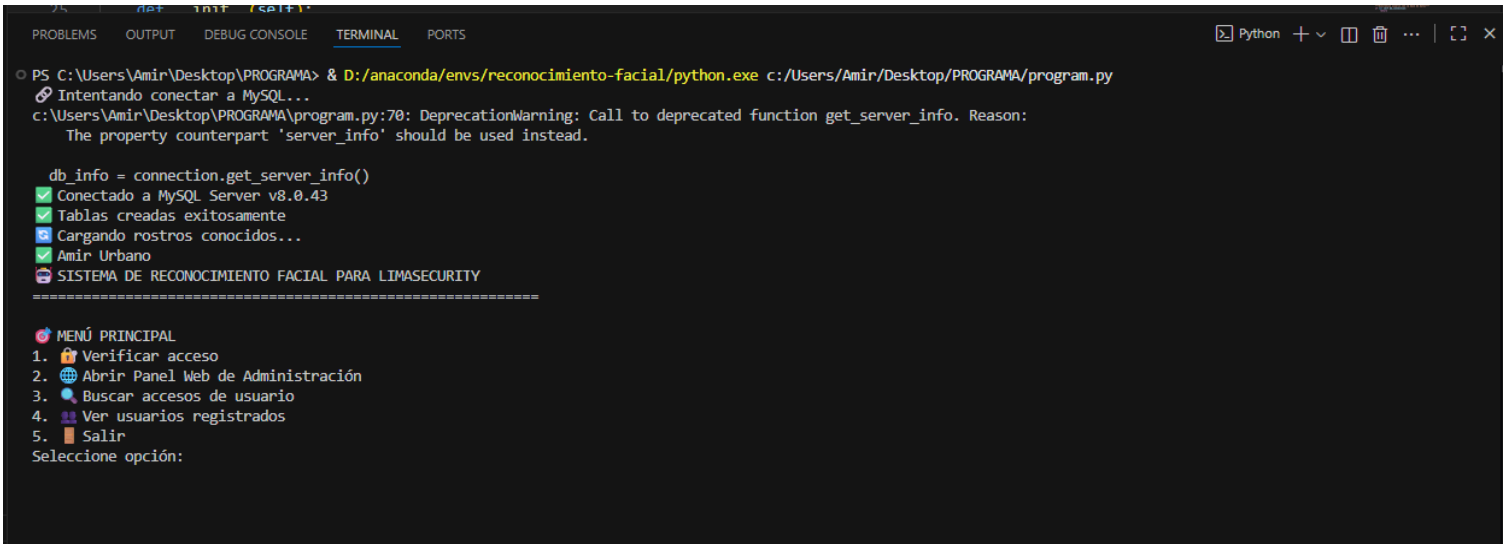


- Instalar VS Code e iniciar



Iniciar el archivo python (program.py)




PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
Python
PS C:\Users\Amir\Desktop\PROGRAMA> & D:/anaconda/envs/reconocimiento-facial/python.exe c:/Users/Amir/Desktop/PROGRAMA/program.py
🔗 Intentando conectar a MySQL...
c:\Users\Amir\Desktop\PROGRAMA\program.py:70: DeprecationWarning: Call to deprecated function get_server_info. Reason:
The property counterpart 'server_info' should be used instead.
db_info = connection.get_server_info()
✅ Conectado a MySQL Server v8.0.43
✅ Tablas creadas exitosamente
🔄 Cargando rostros conocidos...
✅ Amir Urbano
🚔 SISTEMA DE RECONOCIMIENTO FACIAL PARA LIMASECURITY
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🎯 MENÚ PRINCIPAL
1. 🔐 Verificar acceso
2. 🌐 Abrir Panel Web de Administración
3. 🔍 Buscar accesos de usuario
4. 👥 Ver usuarios registrados
5. 🚪 Salir
Seleccione opción: