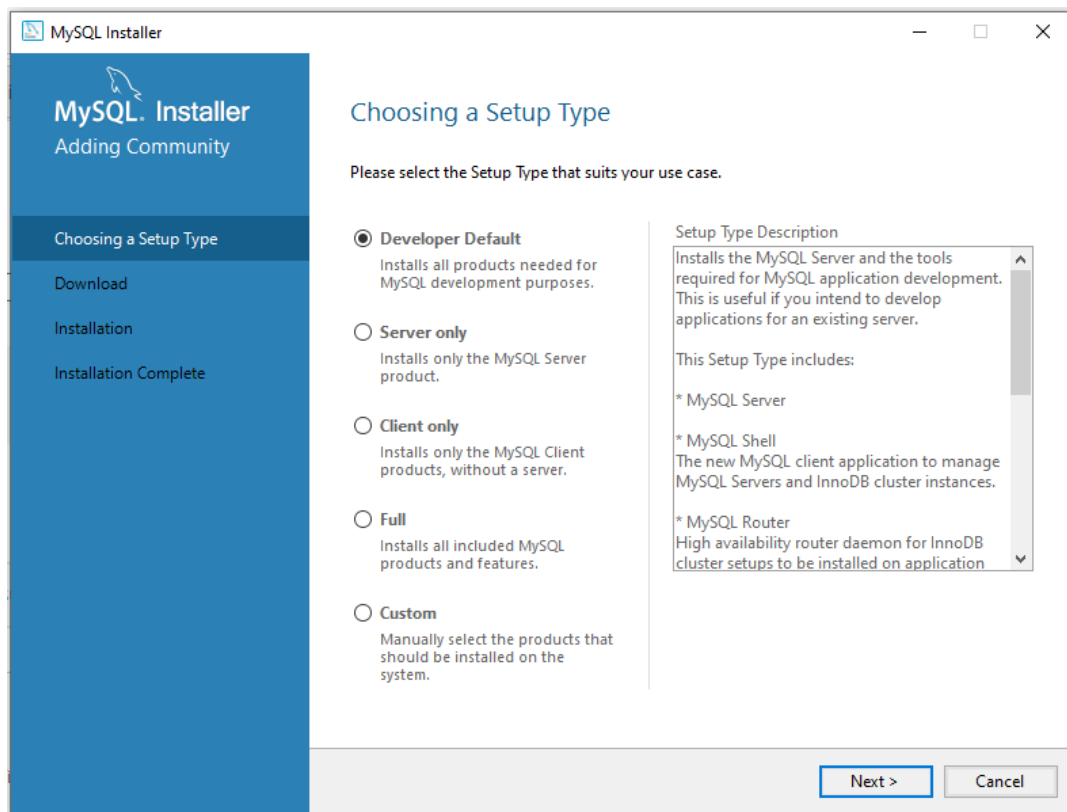


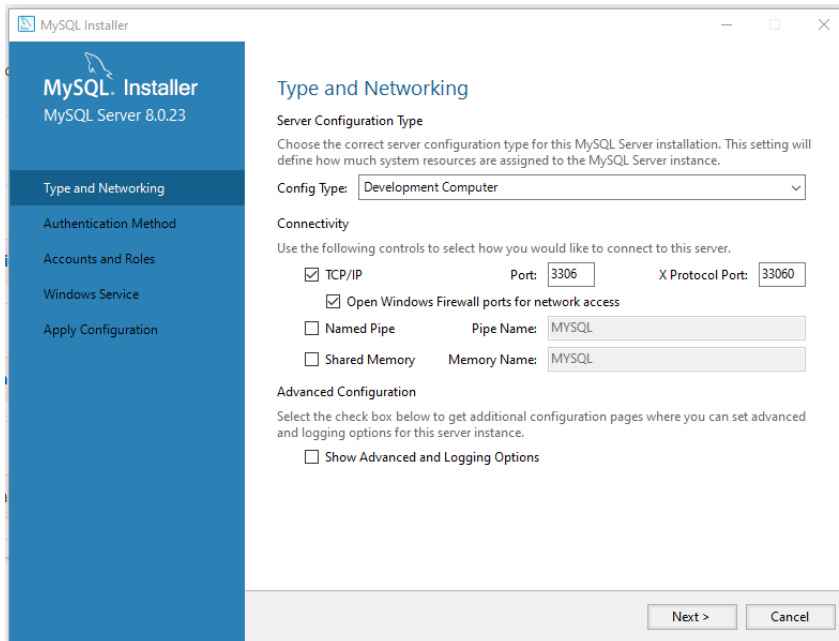
## Guida installazione MySQL Server (ambiente Windows)

1. Scaricare MySQL Community Server dal seguente URL:  
<https://dev.mysql.com/downloads/windows/installer/8.0.html> (scaricare il secondo installer, non il web-community)
2. Avviare l'installer
3. Scegliere il Setup Type in accordo alla schermata.



4. Nella schermata successiva premere *Execute*. Verrà avviato il download dei vari prodotti MySQL. Qualora si presentino degli errori in download per alcuni prodotti, premere *Try Again*.
5. Premere Next alla schermata successiva.

6. Impostare la connettività secondo questa configurazione e premere *Next*:



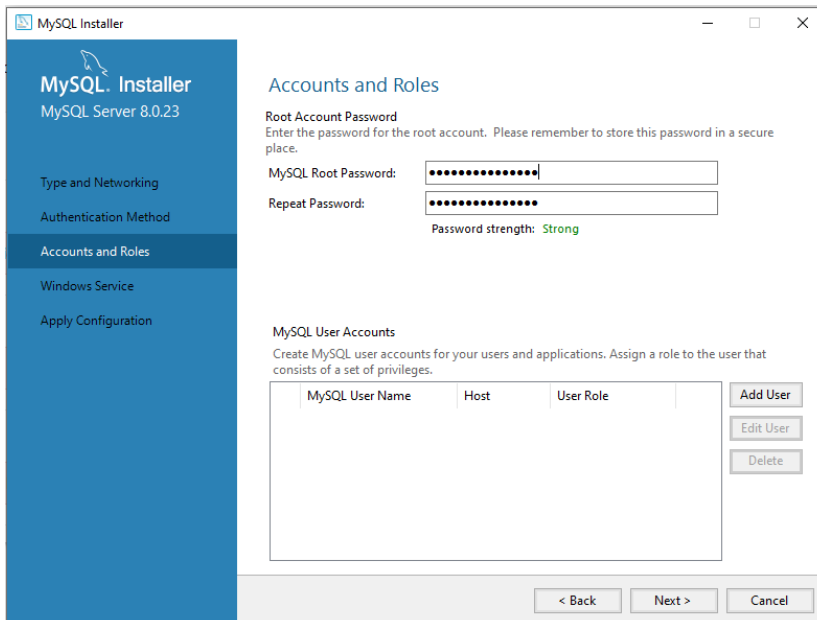
The screenshot shows the 'Type and Networking' configuration screen of the MySQL Installer. The left sidebar lists the installation steps: Type and Networking (selected), Authentication Method, Accounts and Roles, Windows Service, and Apply Configuration. The main area is titled 'Type and Networking' and contains the following sections:

- Server Configuration Type:** A dropdown menu set to 'Development Computer'.
- Connectivity:** A section with the instruction 'Use the following controls to select how you would like to connect to this server.' It includes:
  - ☒ 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:** A section with the instruction 'Select the check box below to get additional configuration pages where you can set advanced and logging options for this server instance.' It includes:
  - ☐ Show Advanced and Logging Options

At the bottom right, there are 'Next >' and 'Cancel' buttons.

7. Mantenere le impostazioni di default per il metodo di Autenticazione (*Use Strong Password Encryption...*).

8. Impostare la password di *root*.

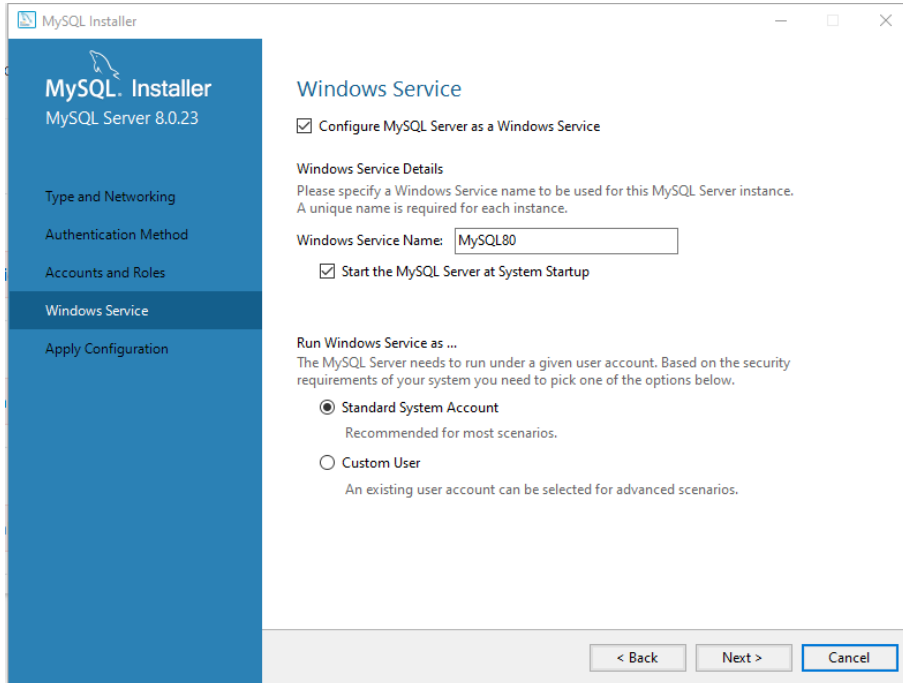


The screenshot shows the 'Accounts and Roles' configuration screen of the MySQL Installer. The left sidebar lists the installation steps: Type and Networking, Authentication Method (selected), Accounts and Roles (selected), Windows Service, and Apply Configuration. The main area is titled 'Accounts and Roles' and contains the following sections:

- Root Account Password:** A section with the instruction 'Enter the password for the root account. Please remember to store this password in a secure place.' It includes:
  - MySQL Root Password: [password field]
  - Repeat Password: [password field]
  - Password strength: Strong
- MySQL User Accounts:** A section with the instruction 'Create MySQL user accounts for your users and applications. Assign a role to the user that consists of a set of privileges.' It includes a table with columns: MySQL User Name, Host, and User Role. To the right of the table are buttons: Add User, Edit User, and Delete.

At the bottom, there are '< Back', 'Next >', and 'Cancel' buttons.

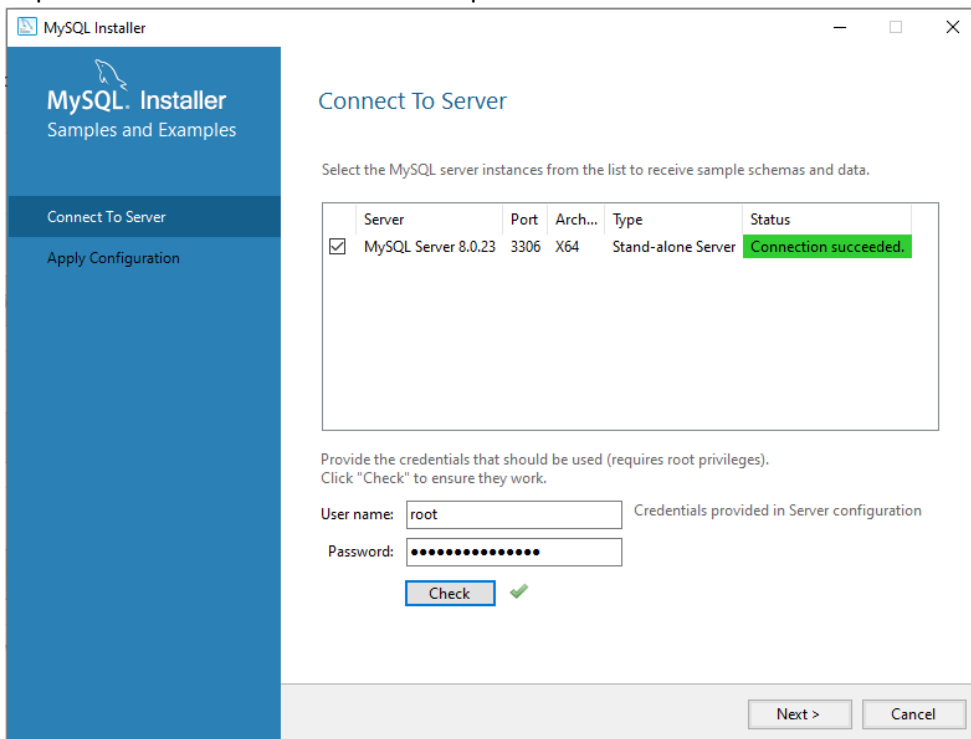
9. Impostare il Windows Service a seconda delle proprie necessità.



10. Premere *Execute*.

11. Per la configurazione del *MySQL router* limitarsi a cliccare su *Finish*.

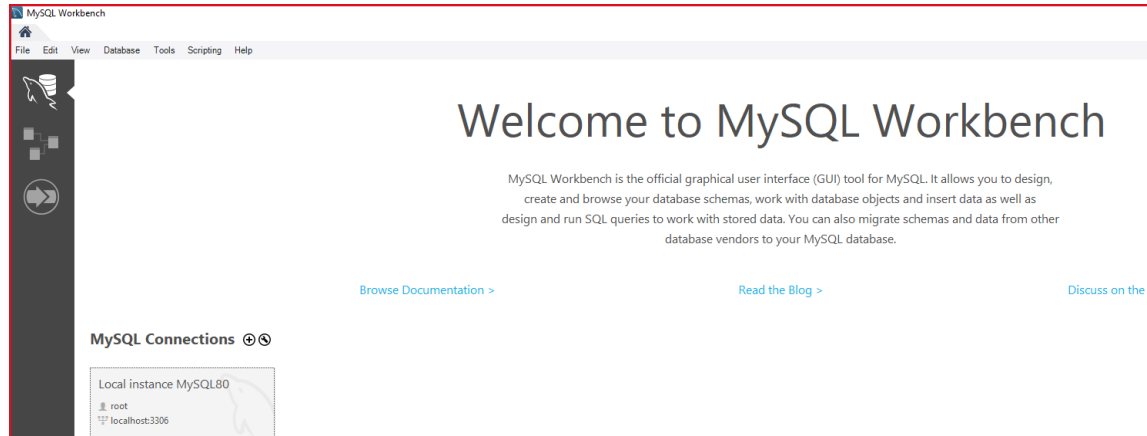
12. Per la configurazione di *Samples and Examples*, specifica le credenziali di root precedentemente impostate. Nella schermata successiva premete su *Execute* e successivamente *Finish*.



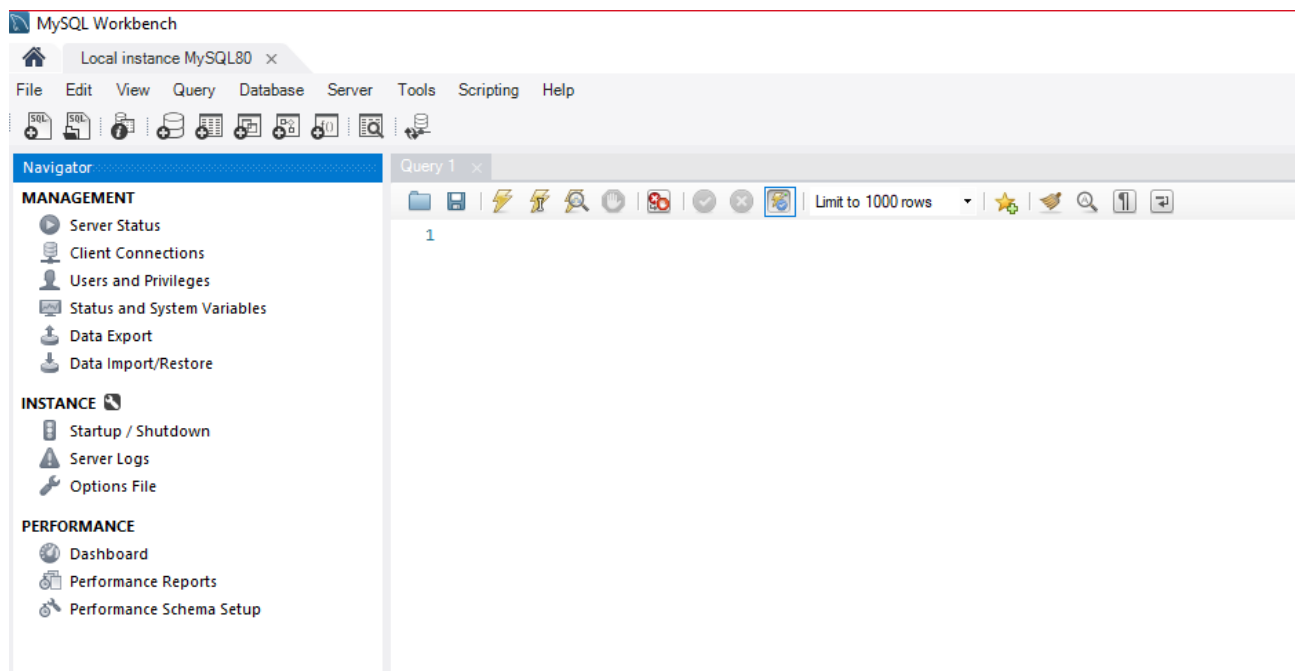
13. L'installazione dovrebbe essersi conclusa con esito positivo.

## Importazione del database Northwind su MySQL

1. Scaricare da Virtuale il file [Northwind MySQL.sql](#)
2. Avviare MySQL Workbench.
3. Cliccare su MySQL Connections, Local instance MySQL80. Nello step successive inserire la password di root impostata in fase di installazione.

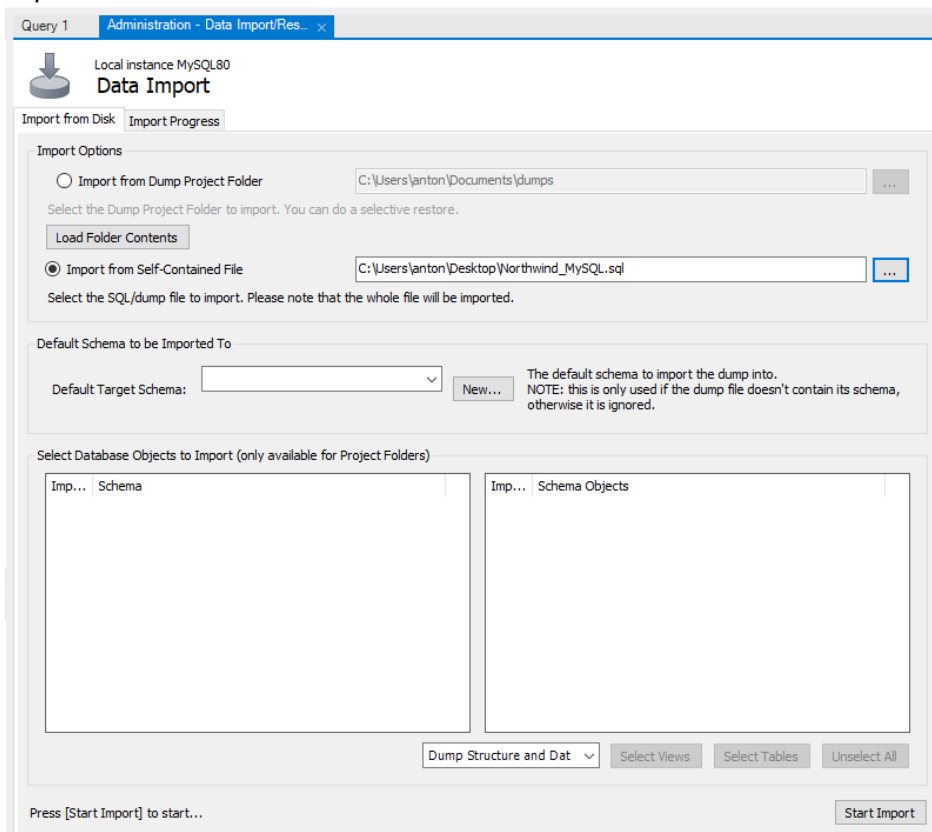


4. Si presenterà la seguente interfaccia:

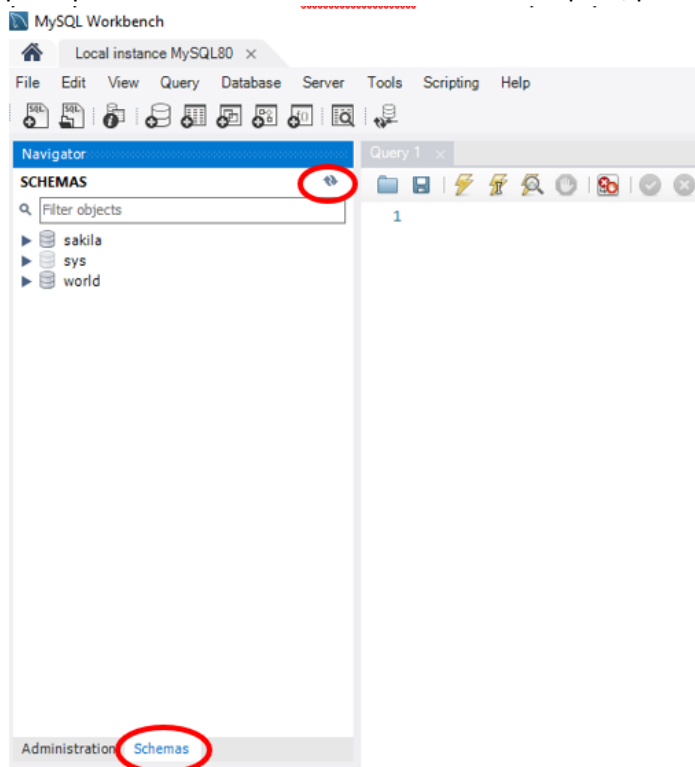


5. Selezione il menù *Server* → *Data Import*.

6. Indicare *Import from Self-Contained file* e specificare il file .sql scaricato al punto 1. Premere *Start Import*.



7. Una volta terminata l'importazione, selezionare *Schemas* nella colonna sinistra dell'interfaccia principale. Se il database "northwind" non compare, premere il pulsante di refresh.



8. Selezionare il database northwind mediante doppio click. È ora possibile eseguire le query, tramite la pressione dell'icona *Execute* (a forma di fulmine), direttamente sul db selezionato.

The screenshot shows the SQL Server Enterprise Manager interface. On the left, the 'SCHEMAS' pane shows the 'northwind' database selected. The main pane displays a query window with the following SQL code:

```
1 • SELECT *
2 FROM categories
```

The query results are displayed in a table with the following columns: CategoryID, CategoryName, Description, and Picture. The results show 8 categories:

CategoryID	CategoryName	Description	Picture
1	Beverages	Soft drinks, coffees, teas, beers, and ales	BLOB
2	Condiments	Sweet and savory sauces, relishes, spreads, an...	BLOB
3	Confections	Desserts, candies, and sweet breads	BLOB
4	Dairy Products	Cheeses	BLOB
5	Grains/Cereals	Breads, crackers, pasta, and cereal	BLOB
6	Meat/Poultry	Prepared meats	BLOB
7	Produce	Dried fruit and bean curd	BLOB
8	Seafood	Seaweed and fish	BLOB

The bottom of the interface shows the 'Administration' and 'Schemas' tabs, with 'Schemas' selected. The 'Schema: northwind' is displayed. The bottom right corner has 'Apply' and 'Revert' buttons.