

Database

Initial Download

Steps to Download and Install Microsoft SQL Server

Download Required Files

1. Download the necessary files:
 - SQLSERVER2017-SSEI-Expr
 - SSMS-Setup-ENU

SQL Server Installation

2. Install SQL Server Engine:
 - Double-click on SQLSERVER2017-SSEI-Expr.
 - Follow the prompts to install the "BASIC" installation.
3. Install SQL Server Management Studio (SSMS):
 - Double-click on SSMS-Setup-ENU.
 - Follow the prompts to complete the installation.

Configuration

4. Configure SQL Server Services:
 - Search for "SQL Server Configuration Manager" on your computer.
 - Under SQL Server Services, set all services to "Automatic," except for SQL Server Agent.
5. Enable Protocols:
 - In SQL Server Configuration Manager, enable all protocols.
6. Restart Services:
 - Restart the SQL Server services.

Database Setup

7. Login and Admin User Creation:
 - Login with Windows Authentication to create an admin user.
8. Create New User:
 - Navigate to Security -> Right-click on Login -> New Login.
 - Configure the new user:
 - Login name: dbuser
 - Password: admin
 - SQL Server authentication
 - Uncheck enforcement of the password
 - Leave other settings as default.
9. Grant Permissions:
 - Give all access under Server Roles.
 - Grant all access under Securables.
10. Server Authentication Mode:
 - Right-click on the main server (the first object under the Object Explorer).
 - Go to Properties -> Security.

- Choose SQL Server and Windows Authentication mode.

11. Apply Changes:

- Apply the changes and close the configuration.

12. You might have to restart the Server Services again to take affect on the new user.