

CMP020L012A

Data Analytics

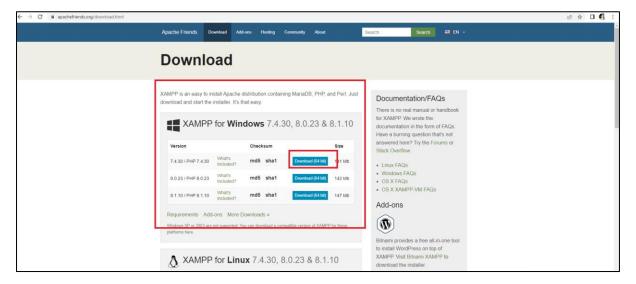
2022/23

As Database server we will use "MySQL" server. To begin we must first download and install the software. It is open source and easy to install. This will enable us to experience the graphical user interface of the server and through that how to explore and visualise the data in a structured database system.

we must have "XAMPP" installed in the computer:



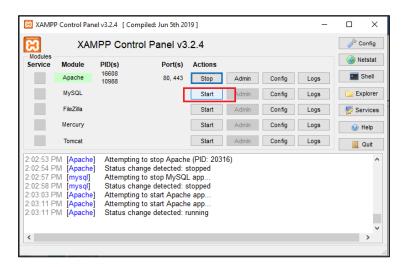
Download a suitable version compatible with the processor:



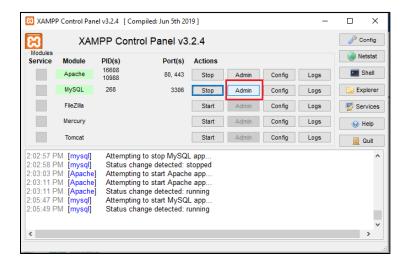
After downloading with a few simple steps, you should be able to install the software.



Once installed, open XAMPP. Through XAMPP control panel we will get "MySQL" module and by selecting "Start" we can activate the MySQL server. Remember to keep your "Apache" started as well.

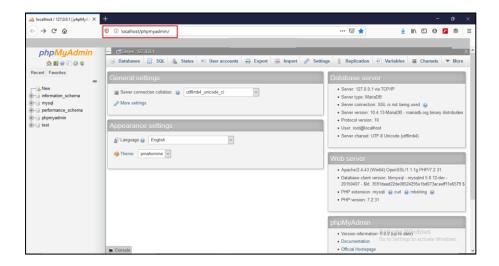


Once the server is activated, we will then start accessing its admin panel:

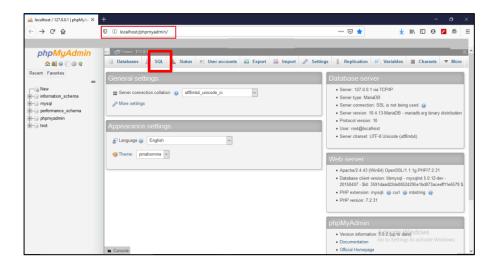


As a user you will then be directed to the localhost/phpMyAdmin server:





You can now go to your "SQL tab" and start writing SQL statements in there.

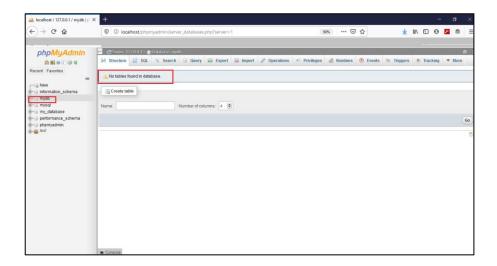


As a trial, first create the database and name it as "MyDB". Use the following syntax:

Create Database MyDB;



After successful execution, you should be able to see the database has been created.



So, you can now start creating database table(s) inside the database "MyDB" and so other DDL and DML operations!