

INTRODUCTION TO DATA & SQL

INSTALLATIONS AND SET-UP GUIDE

Welcome to the Code First Girls community! Here is a guide on all you need to get ready for your 'Introduction to Data & SQL' course.

For this course, you will need to ensure that you have downloaded and installed the following your machine prior to the course starting:

- **MySQL Community Server** (the interpreter for the MySQL language)
- **MySQL WorkBench** (a user-friendly application that allows us to see, manage, access data using MySQL)

The installation process is different for MAC, WINDOWS and LINUX users. Please see below to install the required software on your machine.

MAC USERS

- MAC users need to be a little more careful about which version of the **MySQL Community Server** they install. Before starting, you'll need to know your **chipset/CPU/processor** name and **macOS version** - both of which can be found in the 'About This Mac' menu on your computer. Also, please note that **you must have macOS 13.x or higher** to run the MySQL software. You will have to upgrade your operating system before continuing if this is not the case.
- Once you've found your details, choose the box in the below table that applies to your machine and follow the links/instructions there to download the correct package. From there, the installation process is broadly the same, and can be seen in the YouTube videos below the table.
- The link for your version of the **MySQL Workbench** is the same for all cases: <https://downloads.mysql.com/archives/workbench/> with **8.0.33** selected in the Product Version dropdown (we're using an older version here as the current one tends to crash on Mac)

Note: Some Mac and Windows users may find that their machine doesn't allow them to download the application - giving a warning about it being from the internet. This is nothing to worry about and can be easily fixed. Move your download to your application folder and open it from there, then allow the usage of the application. If you have further problems, read this guide: <https://macpaw.com/how-to/allow-apps-anywhere>

	MacOS 13	MacOS 14
Apple Silicon (M1, M2 etc) processor	<ol style="list-style-type: none"> 1. My SQL Community Server: download here 2. MySQL Workbench: download here 	<ol style="list-style-type: none"> 1. MySQL Community Server download here <ul style="list-style-type: none"> - Click on 'No thanks, just start my download' 2. MySQL Workbench: download here
Intel Processor	<ol style="list-style-type: none"> 1. MySQL Community Server download here 2. MySQL Workbench: download here 	<ol style="list-style-type: none"> 1. MySQL Community Server download here <ol style="list-style-type: none"> 1.1. Click on 'No thanks, just start my download' 2. MySQL Workbench: download here

The YouTube links mentioned earlier are below; please watch one of them, follow the instructions and let us know if you are successful or still experiencing any issues.

- <https://www.youtube.com/watch?v=ODNSrWSq7tw>
- https://www.youtube.com/watch?v=xoKJFJ_v-Fo
- <https://www.youtube.com/watch?v=vQPBNCvboSo>

WINDOWS USERS

There are similar installation tutorials below for Windows users. Please follow one of them to install the software required. These installation tutorials are quite similar, so if you managed to install everything with one of the videos, you won't need the rest.

- <https://www.youtube.com/watch?v=WuBcTJnluzo>
- <https://www.youtube.com/watch?v=OWro7Az0gAU>
- <https://www.youtube.com/watch?v=2om3byn2lxs>

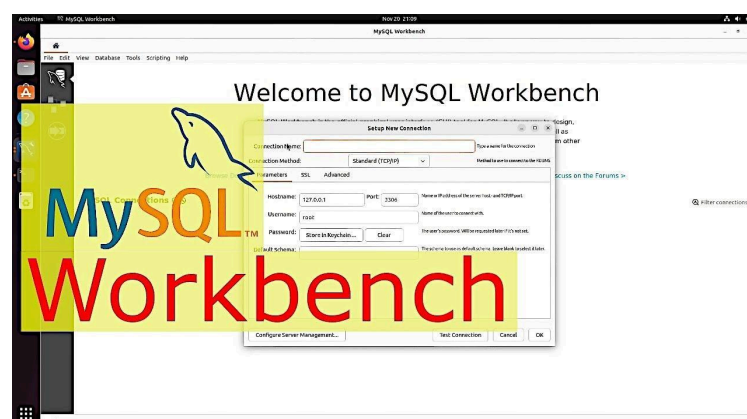
The installation process should be fairly straightforward. You may have to turn off the safe mode while installing, and then turn it on again once the application has downloaded successfully.

LINUX USERS

MySQL workbench is available on a range of different Linux variations. For a more general overview of the installation process, you can use the command **sudo apt install mysql-workbench** to launch the installation directly. Alternatively, you can follow the below video as a step by step guide.

- <https://www.youtube.com/watch?v=zRfI79BHf3k>

The following is a guide that will help you to install on Ubuntu, however there are related videos for other variations such as Debian etc.





Please be aware that even if you are using an alternate Linux variety, there will be additional guides available on YouTube.

A NOTE FOR THE FUTURE:

When setting up your workbench, you will have to create a new user and root password. It's very important that you remember this root password, as it's going to be how you login and create connections with different databases. Please make a note of your root password and keep it in a safe place. There are ways to solve a root password that has been lost or is deemed incorrect. Please watch the video below if this occurs.