

Chennai Mathematical Institute

RDBMS and SQL

Tutorials Prerequisites

1. INTRODUCTION

This document is meant to help you get started with MySQL on your system. Feel free to use this as a guide when you begin your MySQL journey. You are encouraged to set up MySQL on your systems before our first tutorial, in case you might want to follow along with me during the tutorial.

2. INSTALLING MYSQL

Follow these steps to download and install MySQL on your system.

- (1) Go to the [MySQL Installer Download page](#) and download (`mysql-installer-community-8.0.27.1.msi`) which is around 470 MB.
- (2) Once the download is completed, start with the installation.
- (3) The first step requires you to **Choose a Setup Type**. I would recommend you go for the **Custom** option since we would not require all products.
- (4) When selecting your options, choose **MySQL Server** and **MySQL Workbench**. Make sure to choose the ones compatible with your OS, i.e. 32 or 64 bit. (You may choose other options too if you like.)
- (5) For the remaining steps, you can go with the default choice selections.

In case you run through some problems, I'd suggest you to try and figure it out yourself first, then ask your peers. If both options fail, get in touch with me, we'll try to sort it out.

3. GETTING STARTED ON MYSQL (OPTIONAL)

Once the installation is complete, **MySQL Workbench** should automatically start. You are now ready to use MySQL on your system. If you are eager to try some new things before our first tutorial, read ahead! If not, don't hesitate to wrap this up, sit back and relax... for now.

For those of you early-birds who want to get started right away,

- Go to this [link](#) and download a small csv file.
- On your workbench, the first step would be to create a new database. The syntax for that is: `CREATE DATABASE [db_name];`
- Next, I would encourage you to figure out (from the internet, of course) how to import a csv into your workbench. (Hint: A magical little thing called 'Table Data Import Wizard')
- Now that you have a database to work on and a table in it, just play around a little! View the entire table, view only some content from the table, see if you can output the maximum salary.

Hope to see you in the first tutorial!