

# README

This tutorial was made upon requests. The purpose of this tutorial is to show students that are transitioning to linux how to install, manage, and run basic queries using Linux. I made this tutorial because the school only teaches mysql on windows and since some of my students want to use Linux as their main operating system it will help them get started by covering the part that is normally skipped in the database course in the college. This tutorial is not a comprehensive guide and full disclosure, I am not good with mysql. My knowledge goes as far as installation, connection and simple queries However, if you have a question, I will do my best to help you get the answers you need. If you find any errors in this tutorial please let me know so we can keep it up to date!

## Sources:

- [How To Install MySQL on Ubuntu 22.04](#)

## Part 1

### Perform a system update

Use the command: `sudo apt update; sudo apt upgrade`

### Install MySQL

1. Install MySQL: `sudo apt install mysql-server -y`
2. Start MySQL Service:
3. Run `mysql_secure_installation`
  1. Access mysql shell: `sudo mysql`
  2. Alter root user to use native password authentication: `ALTER USER 'root'@'localhost' IDENTIFIED WITH mysql_native_password BY 'password';`