sudo apt update

sudo apt upgrade

sudo apt install mariadb-server

sudo mysql\_secure\_installation

sudo mysql -u root -p

Database setup:

CREATE DATABASE sensors;

CREATE USER 'zerouser'@'localhost' IDENTIFIED BY 'zero';

GRANT ALL PRIVILEGES ON sensors.\* TO 'zerouser'@'localhost';

FLUSH PRIVILEGES;

USE sensors;

CREATE TABLE id(sensorID char(16) NOT NULL, sensorNick char(16), sensorType varchar(16), CONSTRAINT PRIMARY KEY (sensorID));

CREATE TABLE testSensor (rowID BIGINT NOT NULL AUTO\_INCREMENT, date datetime, value float(10,2), CONSTRAINT PRIMARY KEY (rowID));

Inspect:

SHOW TABLES;

SHOW COLUMNS FROM id;

Turn on networking if connecting from a user outside localhost