

# Weather Station

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# Overview

- Collect data and store it in SQLite Database and to display it on webpage.

# What I installed

- git - github
- gpm - mouse interface
- lighttpd - lightweight webserver
- php5
- sqlite3 - lightweight DB

# Steps: Part I

- Installed the necessary packages
- Checked that sqlite and lighttpd are working with php
- Set up pi so can ssh into it from anywhere
- Learned php and html



# Steps: Part 2

- Create the database to store all the values
- Create a second table to hold the constant variables between refreshes.
- Create the graph to track the temperatures
- Design the website itself.

# What I learned

- Linux Command line
- php
- html
- webdesign

# Future

- Get realtime data from arduino.
- Have multiple sensors collecting the data