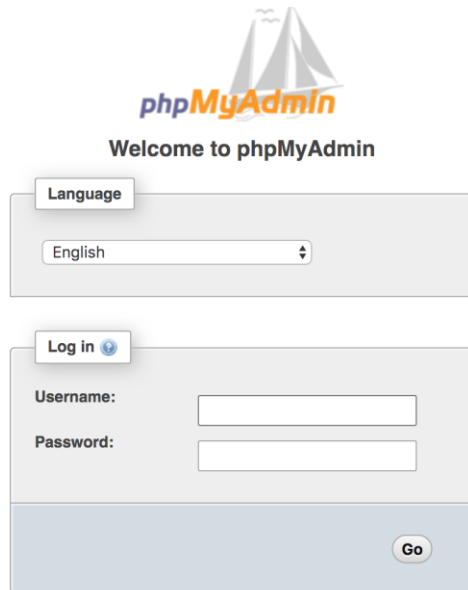


Download Sensor data from server:

1. The data from most of the sensors will be available from the data server (<http://128.153.15.208/phpmyadmin/>).
2. Upon clicking the link you will be asked for username and password.

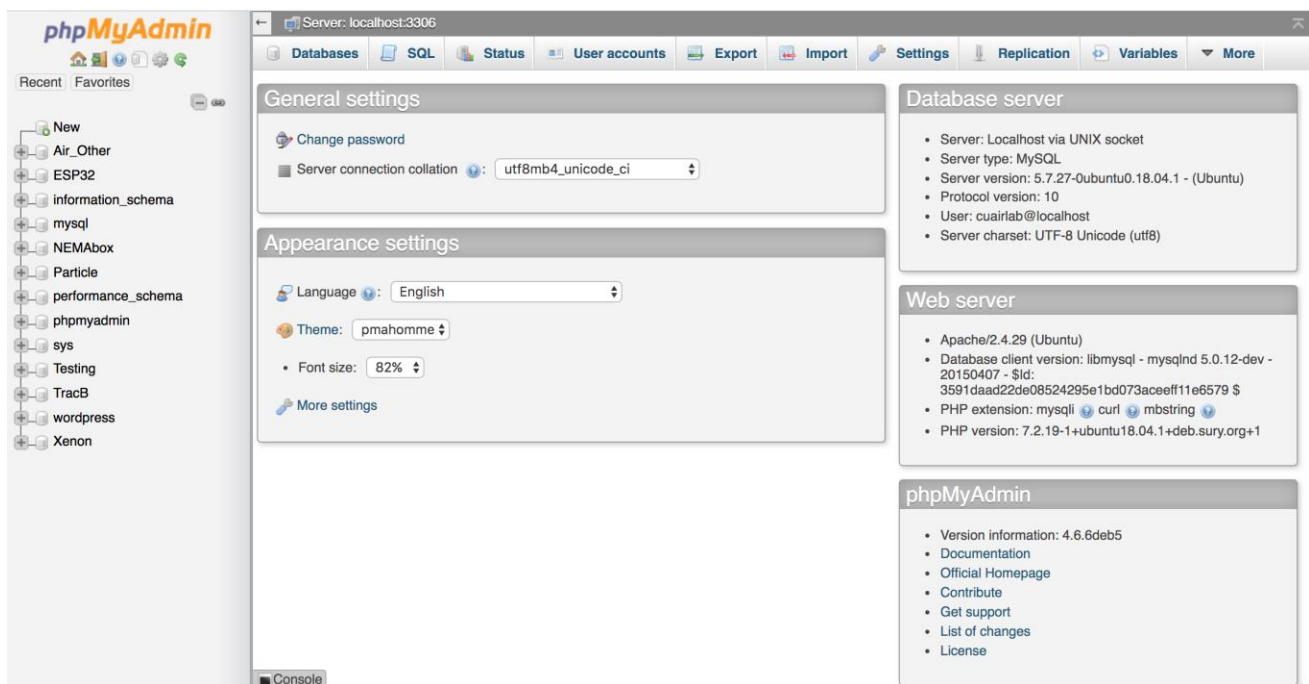


Type in the username and password:

Username: **workshop**

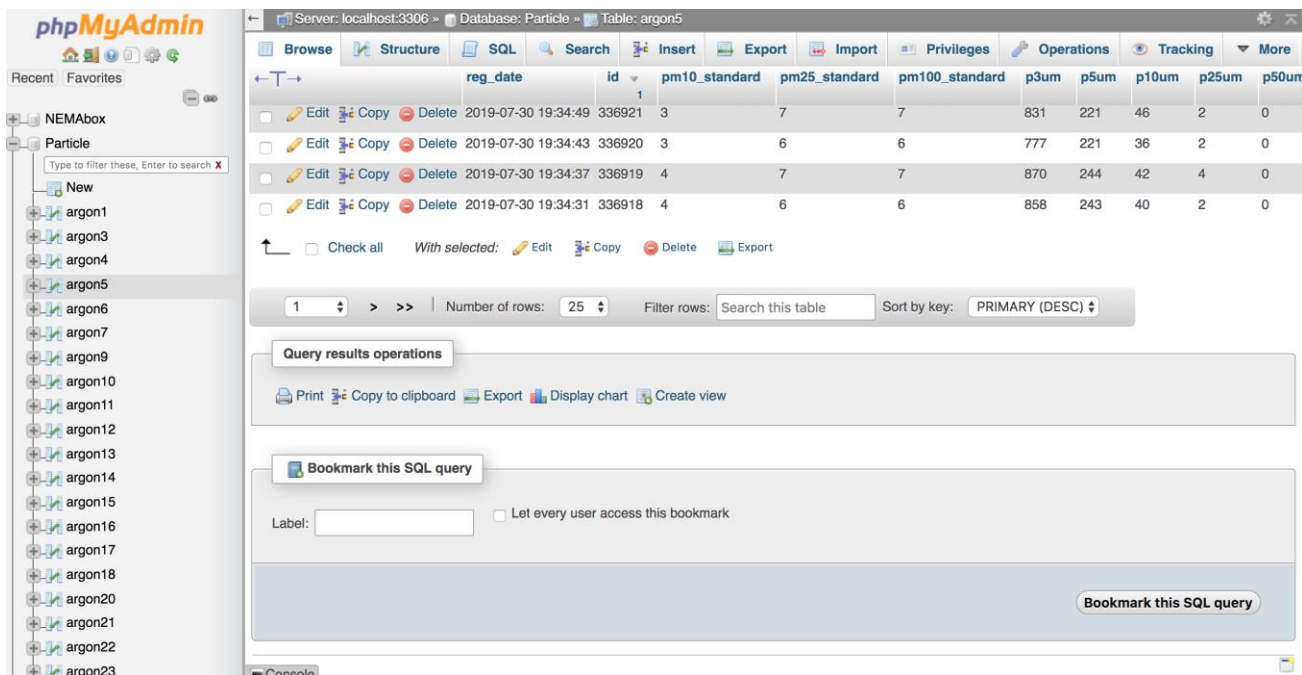
Password: **sensors2019**

Once you type in the username and password you should see a page similar to this



2. Select **Particle** and you should see all the sensors (eg: argon1, argon3..). The [table](http://tiny.cc/bt0oaz) relating the sensor name (Argon1, Argon2, etc) to the specific type (Plantower, Honeywell, etc) is at <http://tiny.cc/bt0oaz>

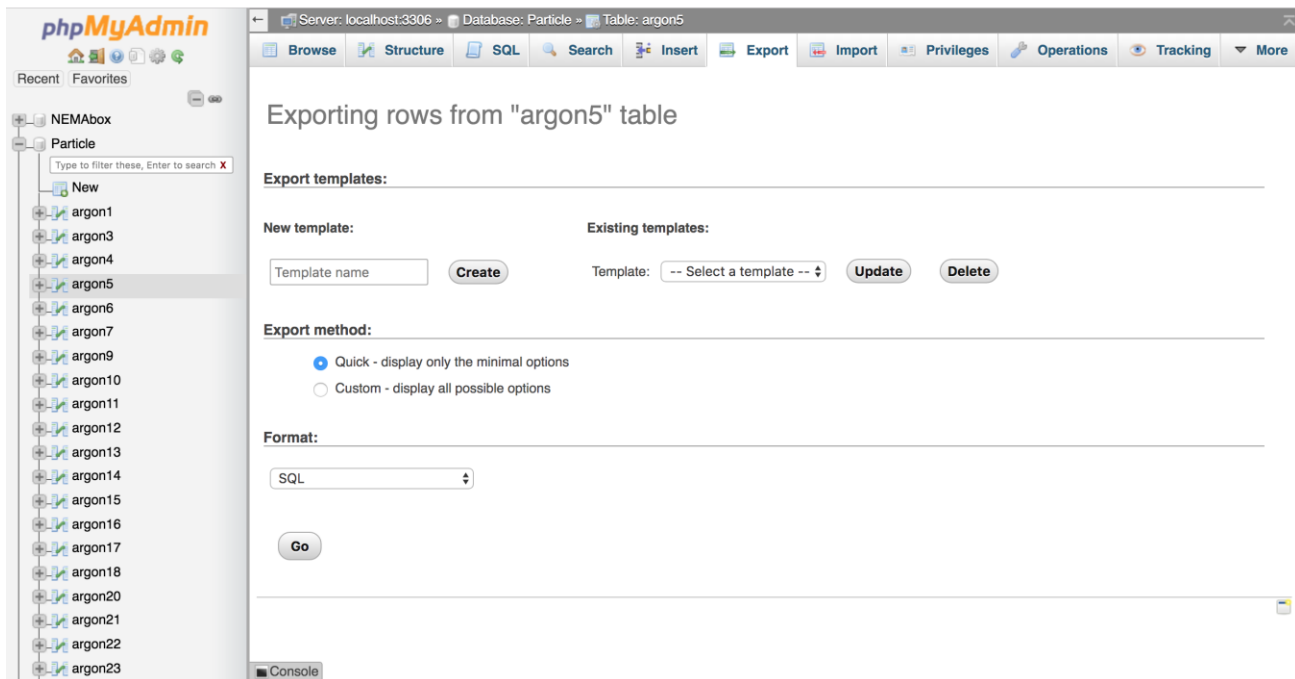
3. Select the sensor of interest (say Argon 5) that you want to download data from and scroll down to the bottom of the page. You should be able you see something like this



The screenshot shows the phpMyAdmin interface. On the left, the 'Database: Particle' is selected, and the 'Table: argon5' is chosen. The main area displays a table with the following columns: reg_date, id, pm10_standard, pm25_standard, pm100_standard, p3um, p5um, p10um, p25um, and p50um. The table contains four rows of data. Below the table, there are options to 'Check all', 'With selected', 'Edit', 'Copy', 'Delete', and 'Export'. At the bottom, there is a 'Query results operations' section with links for 'Print', 'Copy to clipboard', 'Export', 'Display chart', and 'Create view'. A 'Bookmark this SQL query' section is also visible, with a label field and a checkbox for 'Let every user access this bookmark'.

reg_date	id	pm10_standard	pm25_standard	pm100_standard	p3um	p5um	p10um	p25um	p50um
2019-07-30 19:34:49	336921	3	7	7	831	221	46	2	0
2019-07-30 19:34:43	336920	3	6	6	777	221	36	2	0
2019-07-30 19:34:37	336919	4	7	7	870	244	42	4	0
2019-07-30 19:34:31	336918	4	6	6	858	243	40	2	0

4. At the bottom in **Query results operations** section click on **Export** and it will take you to another page where you can select the file format. If you see an error click **ignore all** and then you should be able to see something like this



The screenshot shows the 'Exporting rows from "argon5" table' page in phpMyAdmin. The page has a title 'Exporting rows from "argon5" table'. Below the title, there are sections for 'Export templates' and 'Export method'. The 'Export templates' section has a 'New template' form with a 'Template name' field and a 'Create' button, and an 'Existing templates' section with a 'Template' dropdown menu, 'Update', and 'Delete' buttons. The 'Export method' section has two radio buttons: 'Quick - display only the minimal options' (selected) and 'Custom - display all possible options'. Below this, there is a 'Format' section with a dropdown menu set to 'SQL' and a 'Go' button.

5. In the **Existing templates** select **Workshop_data** for template and at the bottom of the page click **Go** to download the file.