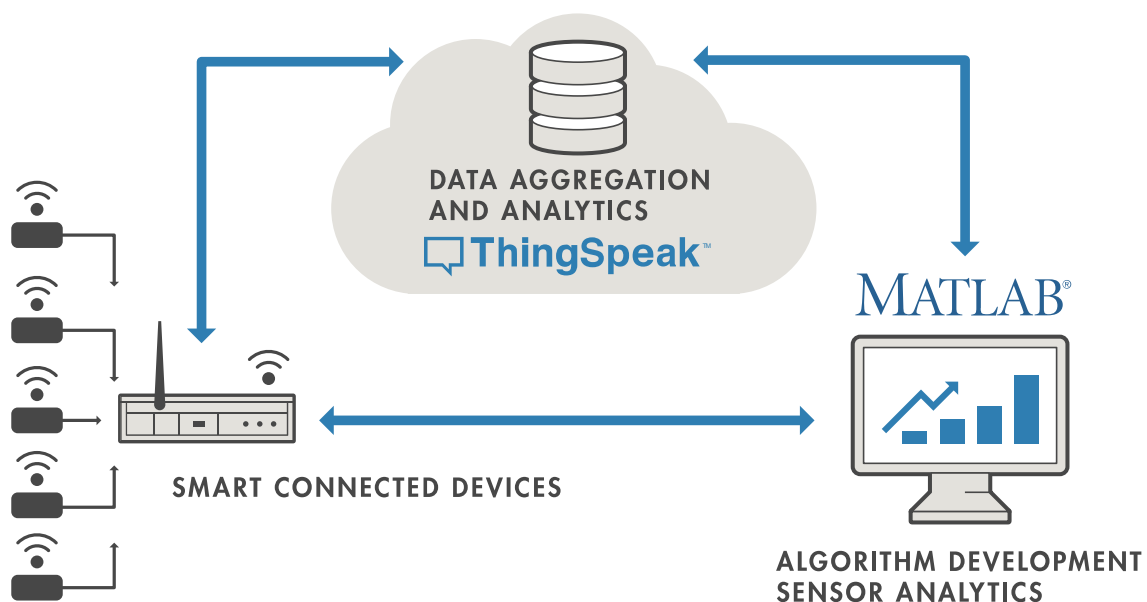


Plotting Temperature Data using Raspberry Pi & Thingspeak.

Introduction:

I have used DHT-11 temperature and humidity sensor to collect the Temperature data, and then using Thingspeak server I have plotted that recorded data on a graph which can be seen through any web browser.

ThingSpeak is an IoT analytics platform service that allows you to aggregate, visualize and analyze live data streams in the cloud. ThingSpeak provides instant visualizations of data posted by your devices to ThingSpeak. With the ability to execute MATLAB® code in ThingSpeak you can perform online analysis and processing of the data as it comes in. ThingSpeak is often used for prototyping and proof of concept IoT systems that require analytics.



This way we can plot the data on a server without actually creating our own server, we can simply use the Thingspeak server.

The results of the plotting are as follows:

