EE 629 – IoT using Raspberry Pi

Lesson 7 – Exercises - **Done**

Understanding Cloud Platforms

Lab A: ThinkSpeak

- Created an account in thinkspeak.com and followed the steps to create an API key and captured the CPU data

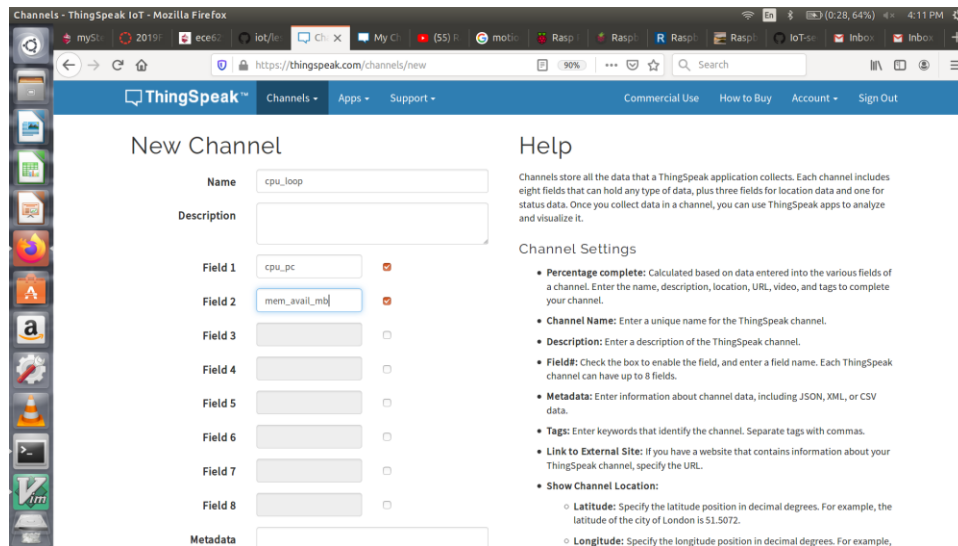**Figure 1 shows the channel and field creation**

Figure 2 shows the API , Note that we need to use the Write API key
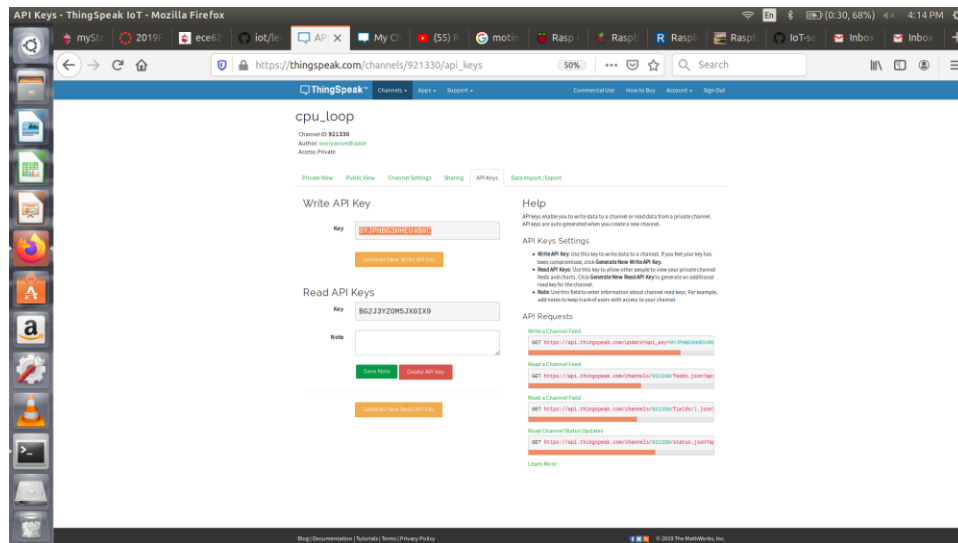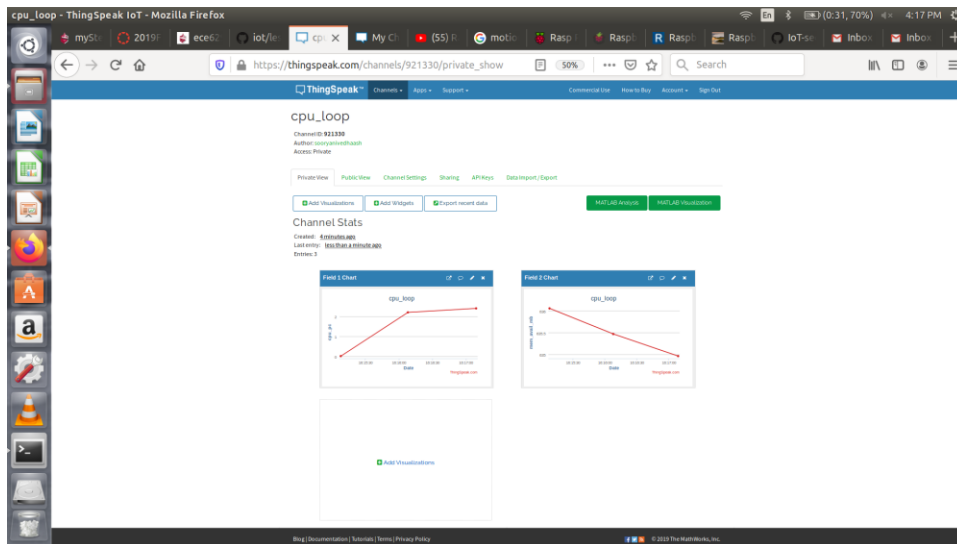

Figure 3 shows the CPU data captured using the ThinkSpeak API

Lab B – Google Sheets

- Installed all the python packages as mentioned
- Created an google account and followed the steps to get the JSON Key file
- Ran the python program and understood how to update the local system data to cloud instantly

Figure4 shows data from terminal being updated in the cloud