**Lab 8 (Final Project)**

**Read Sensors Data into Appsheet**

Do your work to connect Raspberry Pi to the the Google Cloud.

See the following guide, Gabe Weiss is the person you watched a video of at the beinning of Google Cloud explorations.

<https://codelabs.developers.google.com/codelabs/iotcore-heartrate#0>

Do the steps related to data storage and visulization (BigQuery and Appsheet).

For heartrate monitor steps wait to meet with friends or with me. Or you can use any other sensor that you like: temperature, LED or Heart Rate sesnor; the two sensors I have available in office:

<https://www.amazon.com/gp/product/B00MB1LPUA/ref=ppx_yo_dt_b_search_asin_title?ie=UTF8&psc=1>

<https://www.amazon.com/gp/product/B01CPP4QM0/ref=ppx_yo_dt_b_search_asin_title?ie=UTF8&psc=1>

You will have to show your lab project either in a video or in person. No lectures after your Exam 2. Only lab hours, connect online or schedule to visit my office (up to 3 students, I give you equipments to work in the study room).

If you do in person, the following are options for in-person: 4/14, 4/19 (this option may become unavilable because of guest speaker), 4/26, or 4/28. You would show up, SSH to your Raspberry Pi, connect it to WiFi, and show your project. Or your suggested day during the finals week.

Headless Raspbery Pi users: team up with another classmate with monitor or meet in my office to complete the last few steps.

You also need this for connecting your sensors:

