Creating a balenaCloud application and provisioning your first device:

1. Login to the balenaCloud dashboard and create a starter application: https://dashboard.balena-cloud.com/apps
2. Click “add device”, fill out the form, and write the downloaded image to an SD card.
3. Power on the Raspberry Pi. You should see your new device on the dashboard!
4. You don’t need to redownload the image for each device you are deploying. Simply burn the SD card and start them up, balenaCloud will automatically detect your project and add your devices.

Deploying the sensor project:

1. Download and install the balenaCLI: https://github.com/balena-io/balena-cli/releases
    a. Installation instructions: https://github.com/balena-io/balena-cli/blob/master/INSTALL.md
2. Once installed, run **balena login** to authorize your client to connect to your project.
3. After authorization, run **balena apps**. You should see your new project!
4. **git clone** the dev branch of this project: https://github.com/dsf3449/sensors/tree/dev
5. **cd** into the project directory, then run **balena push *name-of-your-project***
6. Watch as your code gets run in containers! (you can ignore the YML errors that are displayed – it will compile fine)
7. Once you see the magical unicorn, you know your project has been pushed to balenaCloud.
8. Back in the balenaCloud dashboard, you will see your devices being updated in real time. You can even set a per-device release or tag releases in the left side “releases” button.