

## Challenge #4: Cloud-Based Data Collection and Visualization

**Your Task:** create a system that will save data collected from a network of sensors and will allow visualization of data in both historical and real time views. Data should be hosted two ways: (a) on the **Particle cloud** and (b) [optional] local version of **particle cloud on the pi**.

### Deliverables:

1. Presentation based on template and required items
2. Data in engineering units
3. Demonstration of solution
4. Graphics and/or video posted to piazza

**Learning objectives:** leverage data models, structures, and analytics from Challenge 2 in a cloud-based solution.

### Relevant Topics included

1. Cloud-based service
2. Over the air programming
3. Porting circuit to new platform
4. Porting designs and models to new platform

