DUCSTeach Workshop 08 – Machine Learning

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2017-2018

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**Time:** 60 Minutes

**People**: 10 - 15 People

**Materials:**

● 15 Arduino Unos with 170 pin breadboard

● 15 LM35 Temperature Sensors

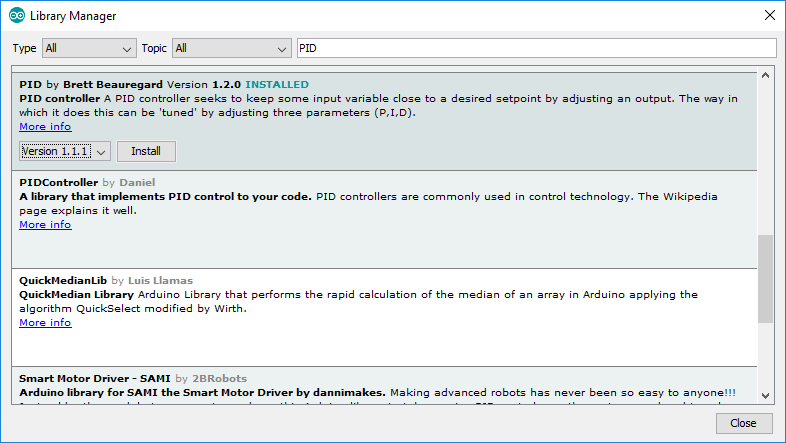
● USB Type B Cable

● Laptop with Arduino IDE installed

● PID.ino file

**Steps:**

1. Boot into Arduino IDE, click on **Tools** from the top navigation bar, and click on **Manage Libraries.**
2. Type PID in the filter search bar. Download the appropriate library, PID by Brett Beauregard. Please make sure it is the latest version.



1. Select close. If everything goes smoothly, we are now ready to program in our environment with this powerful library as a tool.