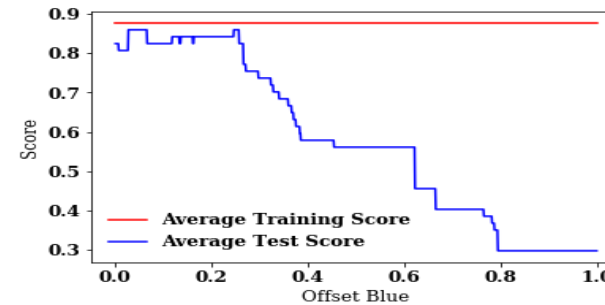
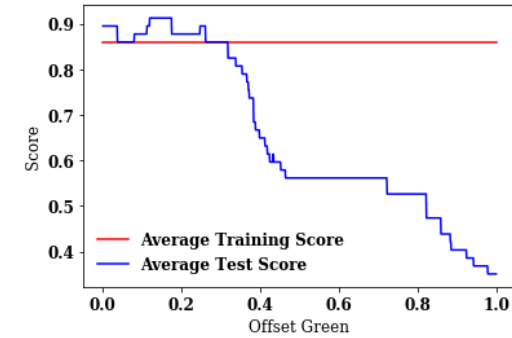
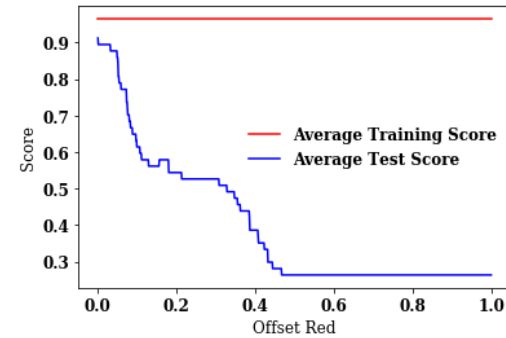
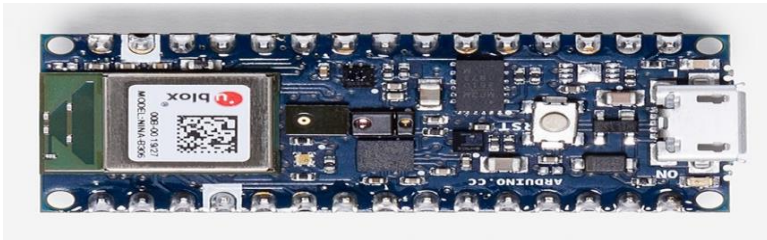
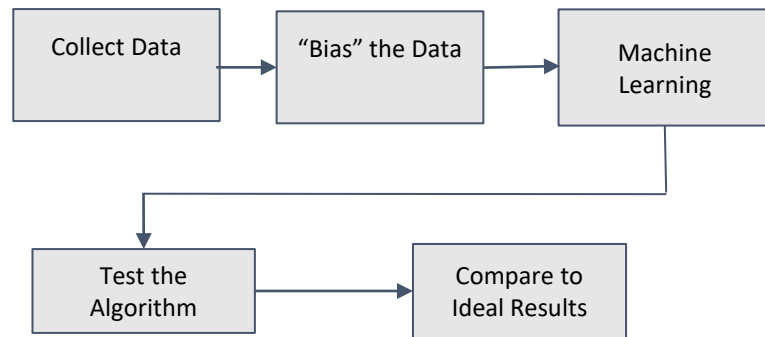




RET Project: The Effect of Bias in Training Data using the APDS996 Color Sensor on the Arduino Nano 33 BLE Sense Board



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Advisor: Michael Stanley, SenSIP Center
Advisor: Andreas Spanias, SenSIP Center



- Everyone is impacted by machine learning through devices we use on a daily basis
- We explored how biased training data can affect a color sensor.
- This will aid in understanding the importance of data collection.
- The effect of various offsets on the red, green, and blue classes was explored.

