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Progress Report no.1

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If we use Arduino

- Deep learning with Arduino
  - Yes, it can be done for really tiny, tiny data sets - but that's not really what machine learning is for. But nevertheless, if you still want to crunch a tiny amount of data, nobody's stopping you.
  - And don't ever think of running Python-based machine learning platforms on an Arduino (although most ML platforms are written in Python). Python is a scripting language and requires an OS underneath to compile and run the code in real time, and micro-controllers aren't even powerful enough to run an OS.

If we use Raspberry Pi

- How to use Raspberry Pi with camera module and sensors, etc
  - Raspberry Pi can be micro-controller as Arduino
  - Raspberry Pi is a general-purpose computer, usually with a Linux operating system, and the ability to run multiple programs. It is more complicated to use than an Arduino.
  - Raspberry Pi is best used when you need a full-fledged computer: driving a more complicated robot, performing multiple tasks, doing intense calculations.
- Movidius Neural Compute Stick supported.

Plan for the future

- Research how to use Movidius with Raspberry Pi.
- Research how to make a simple micro-controller using Raspberry Pi