EECE 371- Smart Embedded Systems

Due date: Wed., Jan 30th 2019

This assignment aims at thinking of embedded systems examples and how we can merge them with machine learning. Use your imagination to propose a way to use embedded systems in 3 out of the 5 topics proposed below. Write down the concept for each idea, what components you might need and how you can integrate machine learning mentioning what cognitive or learning capabilities required.

1. Topics
   1. Robotics
      1. Concept
      2. Components
      3. Machine learning use
   2. Smart home
   3. Unmanned Vehicles
   4. Supply Chain
   5. Healthcare and implanted devices
   6. Security
   7. Brin a topic of your own