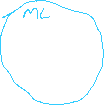
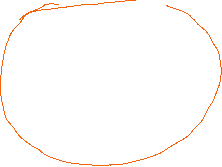
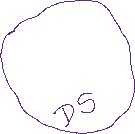
AI for everyone – coursera (Andrew Ng)

* ANI (Artificial narrow intelligence) – smart speakers, self-driving car, etc.
* AGI (Artificial general intelligence) – everything humans do
* Machine learning:
  + Supervised learning:
  + Unsupervised
* What is data?
  + Garbage in, garbage out
  + Data problems: incorrect labels, missing values
  + Multiple types of data – images, audio, text (unstructured data)
* ML vs Data science:
  + ML – Running AI system (Input to output). Gives computers the ability to learn without being explicitly programmed. Output - software
  + Data science – analyzing the data to provide insights that help you make decisions. Science of extracting knowledge and insights from data. Output – PPT or slide deck
  + Deep learning – Neural net, ANN (big mathematical equation that converts input to output) ANN is same as deep learning (terms can be used interchangeably)

Data science is a cross cutting subset of the tools



* What ML can and cannot do:
* Key steps of an ML model:
  + Collect data
  + Train model – Iterate many times, fine tuning
  + Deploy model -