Some resources for ML/TensorFlow

TensorFlow resources

- A good tutorial (about 2:40:00 long) https://www.youtube.com/watch?v=tYYVSEHq-io

- https://www.tensorflow.org/tutorials/keras/ has links to open all of the exercises we are doing in the two lectures, plus some we won't cover. This is not the URL given in the tutorial, which has moved.

The url for an exercise has two parts – the second is to the github repository.
https://colab.research.google.com/github/tensorflow/docs/blob/master/site/en/tutorials/keras/basic_classification.ipynb#scrollTo=vasWnqRgy1H4

- A machine learning game: **QuickDraw https://quickdraw.withgoogle.com/**#

- And another game based on it: Magenta drawing completion
https://magenta.tensorflow.org/sketch-rnn-demo

- A machine learning pacman:
https://storage.googleapis.com/tfjs-examples/webcam-transfer-learning/dist/index.html

- CS 20 TensorFlow for Deep Learning Research (A stanford course, google for presentations and slides)

- CS231n Convolutional Neural Networks for Visual Recognition (lectures are available on github)

- Web access to TensorFlow: colab.research.google.com

- Download and run TensorFlow at home: https://github.com/tensorflow/tensorflow

- Acess to tensor flow resources (projects, data, etc.) tensorflow.org/ecosystem

- Getting started pages at tensorflow.org

Machine Learning

- Machine learning recipe

- Hands on Machine Learning with Scikit-Learn and Tensor flow (O;Reilly book available as a free pdf)

- Deep Learning Ian Goodfellow (Bookk available as a free pdf on github, https://github.com/janishar/mit-deep-learning-book-pdf/blob/master/complete-book-pdf/deeplearningbook.pdf

- Google machine learning crash course (search on this to find it)

- What's your ML Test Score? A rubric for ML production systems. https://storage.googleapis.com/pub-tools-public-publication-data/pdf/45742.pdf