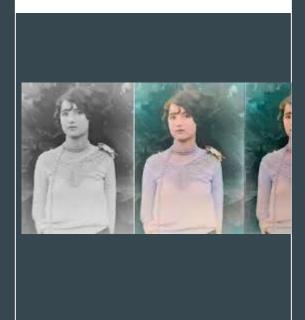
Influence in Machine Learning

•••

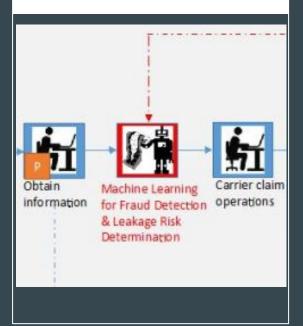
proposal

Existing Customers

Photos



Insurance



Events



ML Modeling Applications

Agricultue



Medicine





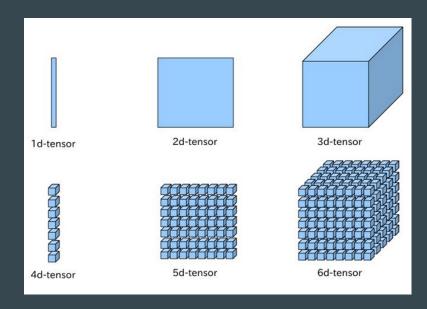
Imperfect models, bias, outliers



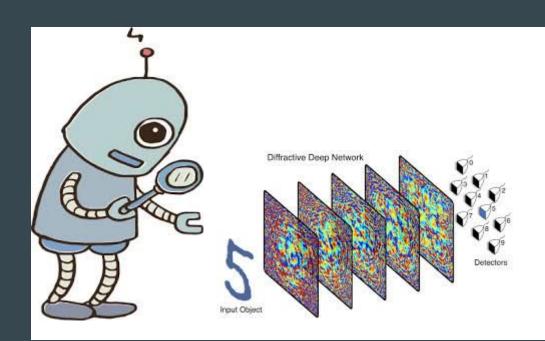
How does that thing do what it just did?

```
Calc. influence function: [==========
Calc. influence function: [========
Test samples processed: [=======
2020-05-14 19:46:16,860: The results for this run are:
2020-05-14 19:46:16,861: Influences:
2020-05-14 19:46:16,862: [tensor(-0.0002, device='cuda:0')
0.0005, device='cuda:0')]
2020-05-14 19:46:16,889: Most harmful img IDs:
2020-05-14 19:46:16,890: [13234, 25872, 27722]
2020-05-14 19:46:16,892: Most helpful img IDs:
2020-05-14 19:46:16,893: [17276, 26286, 9673]
Accuracy of the network on the 10000 test images: 61 %
Accuracy of the network on the 10000 test images: 61 %
2020-05-14 19:46:16,893: [17276, 26286, 9673]
2020-05-14 19:46:16,892: Most helpful img IDs:
          Computing Influence
```





Using the advantages of Tensor Processing

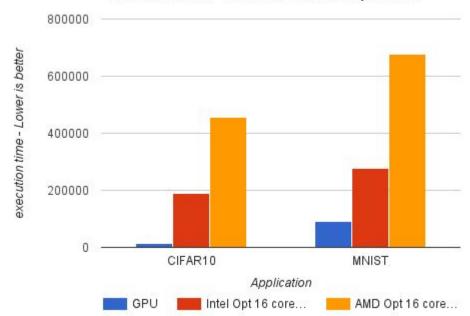


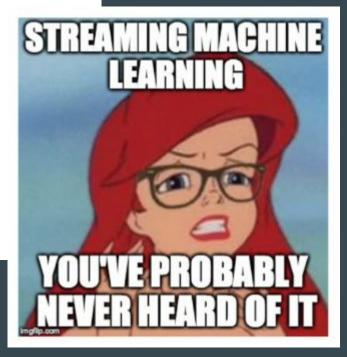


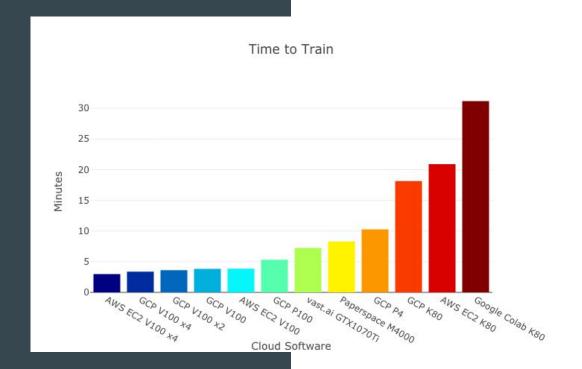
Harmful Image

Machine Learning Vision

Execution time - GPU vs CPU comparison



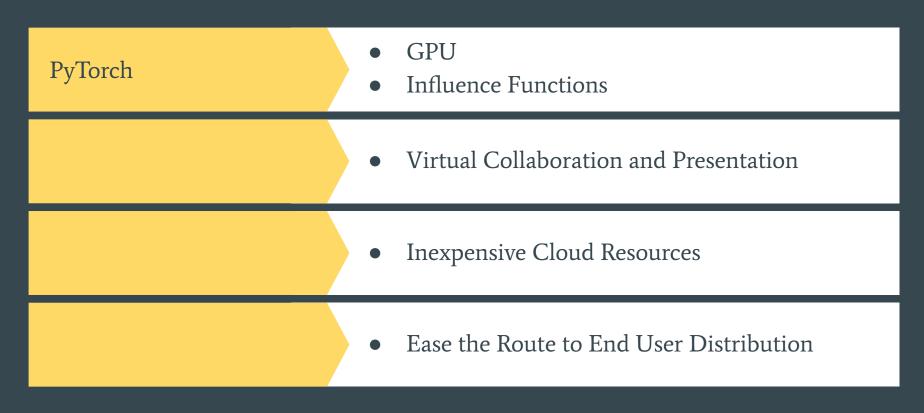




Online GPUs are

in - expensive

Proposed ...





Thank You