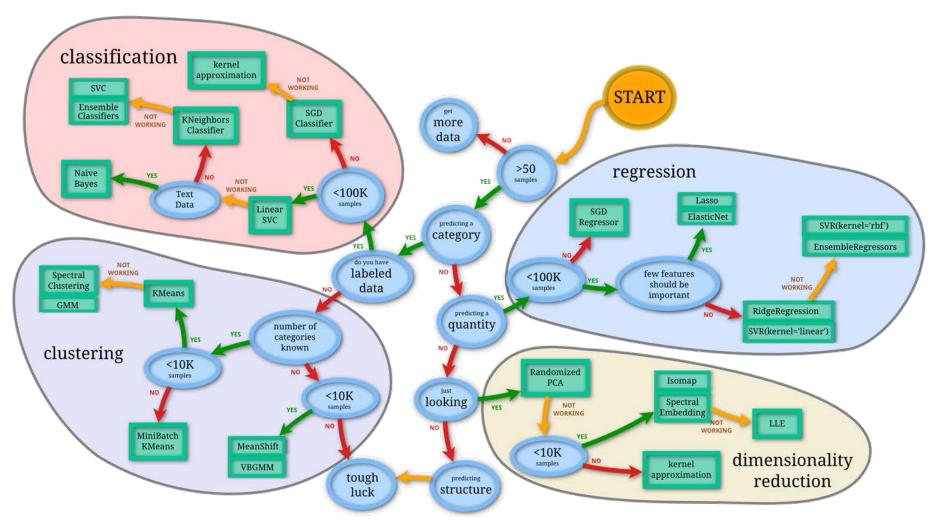
MACHINE LEARNING WITH PYTHON

Themistoklis Diamantopoulos

What have we learned?

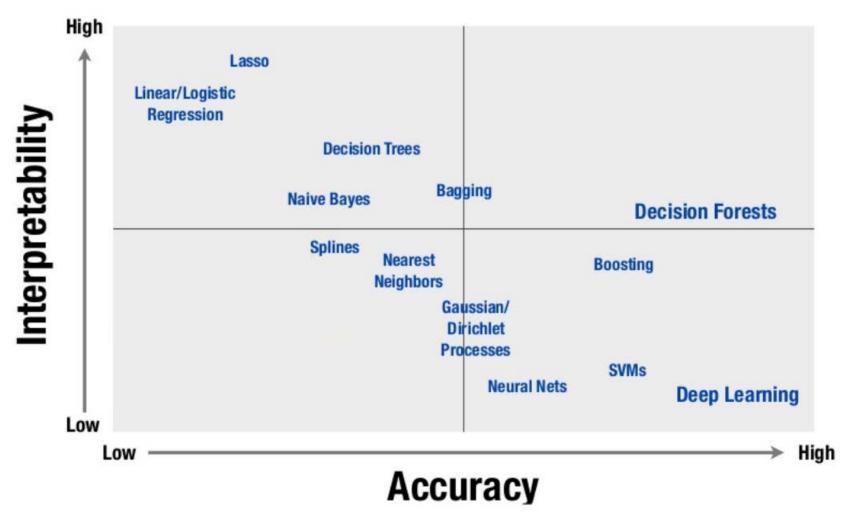
- What is Machine Learning?
- What are the main types of algorithms?
- How can I train a model?
- Problems outlined:
 - Classification
 - Regression
 - Feature Selection
 - Feature Extraction
 - Clustering

Choose a Machine Learning Algorithm



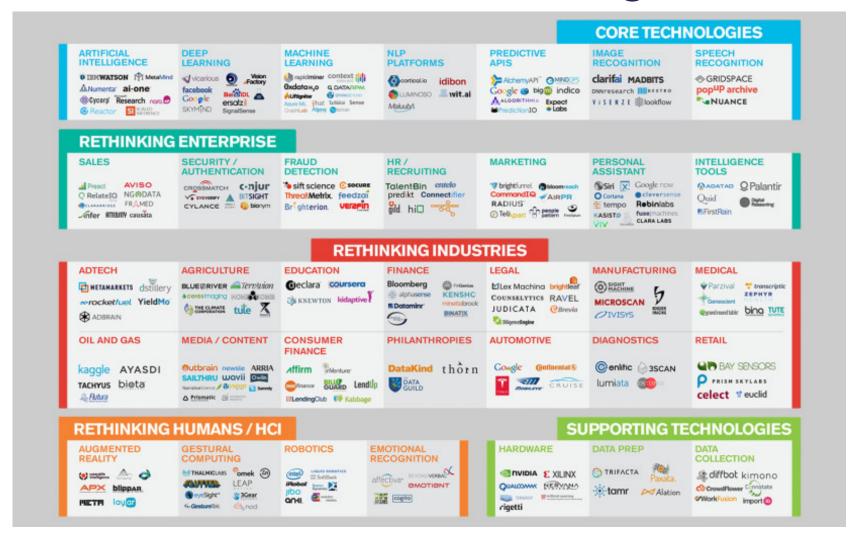
Source: http://scikit-learn.org/stable/tutorial/machine_learning_map/index.html

Machine Learning Algorithmic Trade-Off

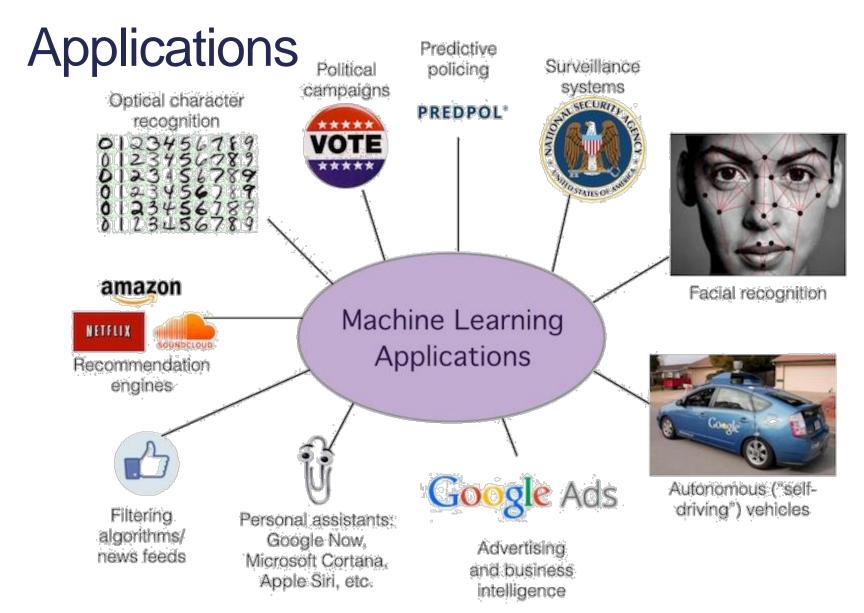


Source: https://www.slideshare.net/firstmarkcap/machine-learning-in-production-josh-bloom-wiseio-firstmarks-data-driven

Who uses Machine Learning



Source: http://airesearch.com/ai-blog/ai-startups-companies-in-the-landscape-of-machine-intelligence/



Source: https://www.researchgate.net/figure/Machine-Learning-Application_fig1_323108787

So, what next?

Now you know!

Use your power for good!