RESOURCES

Video Courses

- Udacity Machine Learning and Data Analytics Nanodegree
- Udemy Python for Data Science and Machine Learning Bootcamp
- Andrew NGs ML class
- Yasir Abu Mustafa caltech (available on youtube)
- Hugo Larochelle's neural Net lectures

Books

- Data Smart: Using Data Science to Transform Information into Insight

(Layman non technical intro)

- Data Science from Scratch: First Principles with Python (Pragmatic with python)
- Data Mining: Practical Machine Learning Tools and Techniques (Pragmatic with Weka)

- The Elements of Statistical Learning: Data Mining, Inference, and Prediction (Theory)

- Machine Learning: The Art and Science of Algorithms that Make Sense of Data (Theory)
- Machine Learning: A Probabilistic Perspective (Theory)

- Machine Learning Mastery Super Bundle (Super pragmatic, start with this)

Ask Help

- **Reddit**

(/r/machinelearning, /r/statistics, /r/eli5, /r/datascience, /r/bigdata, /r/eli5)

Example: Explain SVM eli5

- Stack exchange (Cross Validated)
- Ask for datasets on /r/datasets or google for them

Platform

- Weka
- Tensor Flow
- Python + SciKit

Practice Problems

- Kaggle
- KDD Cup

Read

- Naive Bayes Classifier