Appendix 1

Bibliography

The bibliography is intended to be practical rather than encyclopedic. I have listed books and websites that I have found provide background and examples that are helpful in learning about and implementing trading system with the characteristics that have high probability of being profitable with low risk.

This list is heavy in machine learning, pattern recognition, probability, statistics, modeling, and simulation—because those topics are of primary importance in developing quantitative trading systems. It is light on traditional trading systems, indicators, and charting—because those topics are not very useful for systems that fit the trading profile most likely to be profitable.

**Machine Learning, Data Analysis**


—, *Machine Learning*, California Institute of Technology, online course. [https://work.caltech.edu/](https://work.caltech.edu/)


Bishop, Christopher, *Introduction to Bayesian Inference*, video lecture.  
http://videolectures.net/mlss09uk_bishop_ibi/


de Freitas, Nando, Machine Learning and Data Mining, University of British Columbia, video lectures.  

—, *Think Stats*, O’Reilly, 2011.


—, *Probabilistic Graphical Models*, Stanford University, Coursera online course.  
https://www.coursera.org/course/pgm


http://ocw.mit.edu/courses/electrical-engineering-and-computer-science/6-034-artificial-intelligence-fall-2010/


**Programming, Data Structures, Algorithms, Python**


**Psychology**


**Trading**


**Miscellaneous**

