

What I know already:

Algorithms  
University Yr 2.  
LeetCode

Statistics  
Think Stats

Linear Algebra  
3B1B

Linear Algebra  
University Yr 1&2.

Calculus  
University Yrs 1.

Calculus  
3B1B

Probability  
University Yr 1.

ML  
Kaggle: Intro & Intermediate ML  
Kaggle: Deep Learning

June - September MATH Plan

Classification  
Regression  
Supervised Learn.  
(Book The Elements of Statistical Learning)

Stats

Strang's MIT OpenCourseware

FastAI  
computational linear alg.

Linear Algebra  
• PCA  
• Factorization/Decomp  
• Tensors

Coursera Mathematics for ML

MIT OpenCourseware Calc

Apostol Calc I & II.

Calculus  
• Review Deriv & Integrals  
• Partial Derivatives  
• Multivariate Calculus  
• Optimization  
• Matrix Calc

Goal: to acquire the math foundation to properly engage in ML day-to-day, and to set the stage for advanced maths for research/publications.

- The Start
- The Goal
- Do 1st
- Do 2nd
- Do 3rd

The Goal:

Mathematical Foundation Fluency in M.L