What is your current skill set? What do you hope to improve regarding the following areas?

Current Skillset:

* Math: Linear algebra, calculus (densities and optimization) Stats
  + Linear Algebra, Calculus, Statistics (regression models)
* Probability, confidence intervals, regression, sampling
  + Up to Statistics 2
* Machine Learning: SVM, random forest, neural networks
  + Linear SVM, Random Forest Regression, KNN, Gradient Boosted Decision Trees, Cross Validation, PCA, t-SNE
* Computer Science: Coding skills, data management and pipelines
  + Base level skills, background in CS to have insight in optimization
* Visualization: Scatter plots, histograms, effective presentation
  + ROC Curve, AUC Score,
* Communication: Interpretation for general audience and experts
* Domain Expertise: Specific type of data (genes, stocks, user profiles, etc.)

Planned Improvements:

* Math: Linear algebra, calculus (densities and optimization) Stats
  + Applied usage of complex math previously encountered
* Probability, confidence intervals, regression, sampling
* Machine Learning: SVM, random forest, neural networks
  + Neural Networks, Deep Learning
* Computer Science: Coding skills, data management and pipelines
* Visualization: Scatter plots, histograms, effective presentation Communication: Interpretation for general audience and experts
  + Better communicate results of data
* Domain Expertise: Specific type of data (genes, stocks, user profiles, etc.)
  + Familiarize myself with more datasets