CSCI381 Week 1 Takeaway

- Finished Chapter 1, 2 and 3, and Chapter 17 of the Textbook

- Be able to explain what is Data Science; How does it helps business

- What are the differences between Data Engineers, Data Analytics, and Data Scientists

- Be able to explain what are Data Warehouse, Data Mart, OLAP vs OLTP, Database vs Data Warehouse Understand what is ETL

- Python as a general programming language; Be able to load a data file into a Pandas data frame; know to do basics data manipulation such as group by, average calculation and some basic plots

CSCI381 Week 2 Preview

Probability and Statistics Review

- Chapter 17: Data Modeling Primer (if you haven't)

- Chapter 18: Statistics Primer

- Online Statistics lectures

http://www.statisticslectures.com/topics/statistics/