

Student Presentation Topics

Signal Data Science

MapReduce and Apache Hadoop

SQL vs. NoSQL

Association rules

Apache Spark

Multiple hypothesis testing and A/B testing

- Bonferroni correction
- Multi-armed bandit

Support vector machines

- See the sources referenced at [Kernel Machines](#).

Markov models

- Hidden Markov models

Bayesian methods and multi-level modeling

- Hierarchical linear modeling

Shiny

Network analysis, social networks

Semi-supervised learning

Time series analysis and denoising

- Kalman filter