# Weekend Linkfest 12.10.2013

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# Statistics and Machine Learning

- ▶ Some heuristics about spline smoothing
- ▶ Sensitivity analysis for neural networks
- ▶ MLlib distributed machine learning library
- ▶ Hivemall provides machine learning functionality as well as feature engineering functions through UDFs/UDAFs/UDTFs of Hive
- ▶ Recursive Deep Models for Semantic Compositionality Over a Sentiment Treebank
- ▶ Geocode the world with the new Data Science Toolkit
- ▶ New tool lets you visualize just about anything in 5 minutes (maybe less)
- ▶ How Foursquare Made Those Insane Data Visualizations
- ▶ neural - LaTeX/TikZ/PGF package for drawing graphs, particularly neural networks
- ▶ Big List of D3.js Examples
- ▶ Data Repositories  Mothers Milk for Data Scientists
- ▶ Analyzing moderately large data sets
- ▶ A functional Gibbs sampler in Scala

# R Package of the Week

- dplyr

# Paper of the Week

- Distributed Coordinate Descent Method for Learning with Big Data
- Parallel coordinate descent for the Adaboost problem

# Programming

- Mmv - A Command Line Utility To Move/Copy/Link/Append Multiple Files Easily