



“MANAGING LARGE-SCALE CLOUD INFRASTRUCTURE WITH DATA SCIENCE AND ANALYTICS”

DECEMBER 8, 2015

Abstract: Facebook has built a large scale cloud infrastructure to serve its users worldwide. Its size requires a considerable and continuous data science and analytics effort to monitor its performance and to plan for the future. I discuss our motivation, the role of data science and analytics in our efforts and present a few examples.

Bio: Martijn de Jongh earned his PhD at the School of Information Sciences at the University of Pittsburgh in 2014. He was a member of Marek Druzdzel’s Decision Systems Laboratory, where he was actively involved in the development of the GeNIe and SMILE software created by this lab. His research interests include Bayesian networks and probabilistic graphical models in general, while his main focus is on learning models from data. He is also interested in applying these models to real world problems. His dissertation project explored parallel inference and learning using the MapReduce framework using Hadoop. He joined Facebook’s infrastructure department in May 2014 as a data scientist. His responsibilities include helping Facebook’s engineers speed up the mobile apps and analyzing and modeling global internet infrastructure for internet.org, an effort led by Facebook to connect the world to the internet.



Martijn de Jongh

Talk & Reception
1:30-3:00PM

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