



Hamilton Institute

How Machine Learning is Central to Facebook

Dr. Joaquin Quinonero Candela

Facebook
Palo Alto, California

Tuesday, April 2nd, 2013 at 4pm

Abstract

Machine learning is used extensively to optimize and personalize the different page elements a user sees on Facebook. In this talk I will walk you through concrete examples and discuss some of the machine learning solutions developed at Facebook. The talk will focus on discussing challenges and solutions at a high intuitive level, and will stay away from gory mathematical details. The intention is to make it accessible to non-machine learning experts.

Biography

Joaquin Quinonero Candela is an Engineering Manager at Facebook where he leads a team that focuses on optimizing what ads are shown where on the site. Joaquin has spent his career doing machine learning: teaching computers to learn from data. He obtained a PhD from the Technical University of Denmark, worked as a postdoc researcher at the Max Planck Institute in Germany, and then spent over 5 years at Microsoft Research and Microsoft AdCenter. Joaquin co-designed and implemented the algorithm for ads optimization that shipped with Bing, Microsoft's search engine, in summer 2009. He lives in Palo Alto with his wife and three children, and is a passionate runner and amateur guitar player.

Venue: Seminar Room, Hamilton Institute, Science Building, NUI Maynooth

Time: 4.00 - 5.00pm

Travel directions are available at www.hamilton.ie