

4:40 p.m. BU 207

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Abstract: Spark was originally created to help a group of students complete the Netflix challenge for making movie recommendations. Over the course of its lifetime, Spark has evolved quite a bit. In this session, we'll talk a little about how Spark works with regards to machine learning, and how we see it used within the business world. In addition, we'll talk about some new developments and exciting new features that have allowed data scientists to do even more with Spark.

In this demo, we'll walk through a newer addition to the databricks platform called Distributed HyperOpt. Distributed Hyperopt uses Spark under the hood to build a number of models with varied hyperparameter inputs. This allows us to find the optimal hyper parameters in a much quicker, cost efficient fashion.