**A Chemical Engineer’s Path to Data Science**

**ABSTRACT:** Massive amounts of data are generated every day – over 90% of the world’s data was generated in the last 2 years, and the rate of data generation continually increases. Data Scientists combine computer science, statistics, and business knowledge to extract meaningful information from this sea of data. During this seminar, I will discuss a few common examples of Data Science applications, walk through an example of a Machine Learning problem, discuss how Starbucks is using data to improve its business, and conclude with my path from Chemical Engineering to Data Science.

**BIOGRAPHY:** Mark currently works as a Data Scientist on the Pricing Team at Starbucks. He obtained his PhD from UW Chemical Engineering in August 2016, and spent a year as a entrepreneur prior to making the transition to Data Science and joining Starbucks.