**Title**  
3 Misconceptions of AI

**Speaker**

Dr. Joe Sutherland

**Abstract**  
You might not know how AI works, but you’ve heard it’s incredible: It will magically solve all of your problems, without any effort on your part! It will render superior judgments at a scale you could never comprehend! And somewhere along the way, AI will snap up your job, too! In this talk, we disassemble these common and unfounded assertions. Then, we build an informed understanding of how AI can and will transform your organization to yield enduring results.

**Key Takeaways**

* Artificial intelligence (AI) is a powerful technology that lets computers write their own code, make predictions about the world, and make judgements based on those predictions. It’s really hyped, too!
* The technology isn’t necessarily anything new: the building blocks for AI are rooted in the medieval ecclesiastical entrepreneurs of the 1400’s, and the towering mathematicians of the late 1700’s. It’s fast computers that make it so revolutionary.
* It’s not magic, however: AI still has significant shortcomings, especially in areas which require thinking about objectives, goals, and social justice.
* AI may seem complicated, but you can put it to work today: technologies including cloud computing platforms and abstracted DevOps make it possible to run a data science initiative at relatively low cost. We review some common implementation problems, solutions to those problems, and managerial strategies.

**Running**

Short: 15 minutes

Regular: 30 minutes.

Extended: 45 minutes

**Audience**

This talk engages executives, technical personnel, and general audiences alike.