

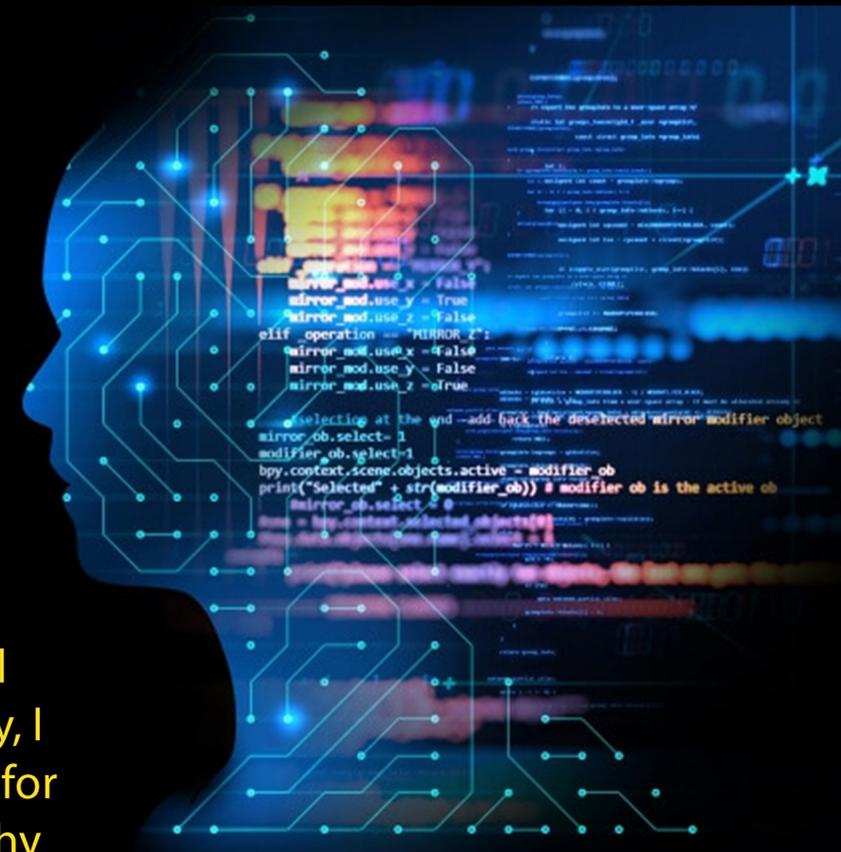
# DATA SCIENCE AND MACHINE LEARNING SEMINAR

Tuesday 4th February 2020 3:00 pm, Kettler Hall KT 218

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## INTRODUCTION TO DEEP LEARNING

Alessandro Maria Selvitella  
Department of Mathematical Sciences  
Purdue University Fort Wayne



**Abstract:** In this talk, I will introduce at an elementary level some fundamental ideas behind deep learning. Specifically, I will concentrate on the Universal Approximation Theorem for neural networks with one single hidden layer, and show why Backpropagation does not always work.