THE DEPARTMENT OF MATHEMATICAL SCIENCES

Purdue University Fort Wayne

is pleased to present

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Providence College

Bayes' Rule and the Law

Abstract

Bayesian inference is an approach in mathematical statistics where the probability of a hypothesis is updated as more evidence and data become available. It has wide applications in many areas such as machine learning, evolutionary biology, medicine, and even in the judicial system. This talk will explore how Bayesian inference can be used in a specific court case to assist jurors in the process of legal decision making, demonstrating the power of mathematics in the court room.

Noon – 1:00, Thursday, Nov. 15, 2018. Location: Kettler 218

http://www.pfw.edu/departments/coas/depts/math/news/seminars.html