

CPA Speaker Series-Business Analytics

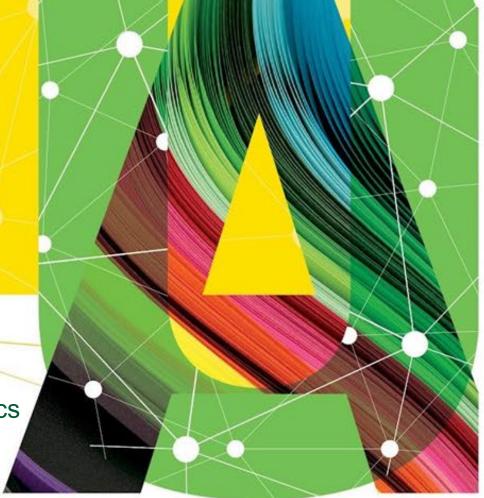
Tinglong Dai John Hopkins University

Friday, November 3, 2024 10:00 AM - 11:30 AM Location: BUS 4-04

Incorporating Artificial Intelligence into Healthcare Workflow: Models and Insights

ABSTRACT

Artificial intelligence (AI) is rapidly transforming the healthcare industry, as evidenced by the FDA's approval of nearly 700 Al-enabled medical devices by July 2023. Integrating Al into healthcare requires rethinking and redesigning current workflows. In this seminar, we will explore the challenges and benefits of combining human and machine intelligence in healthcare. I will discuss two working papers that model and analyze the legal liability implications of physicians using assistive AI in prescribing treatment plans. In addition, I will present a recent randomized controlled trial (RCT) conducted in Bangladesh that provides the first real-world evidence of how autonomous AI can improve physician productivity and increase access to care. Finally, we discuss a research agenda for business scholars to develop principles for the purposeful design of Al-augmented healthcare.



Department of Accounting & Business Analytics Alberta School of Business College of Social Science & Humanities
Business Building, University of Alberta, Edmonton, AB, Canada T6G 2R6