Canadian Association of Physicists

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(I) Perspectives on Applied AI and Machine Learning

Tuesday, 8 June 2021 12:30 (30 minutes)

As a trained experimental scientist, when it became clear that I needed to transition to industry I was left to find something that fit my skills. Data science offered that opportunity. I have worked in numerous industries including health care, fintech, oil and gas, and agriculture applying statistical knowledge and machine learning (ML) techniques. Knowledge from my physics degree set me up for success through learning how to solve complex problems while experience has taught me how to approach the problem with business and return-on-investment in mind. Now, at AltaML, I see use cases from many different industries in a single day. We apply ML to everything from safety to agriculture to robotics. I'll provide some examples of how we've applied AI/ML to real-world problems to help people make better decisions.

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