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Invited Talk
Cloud Computing for Machine Learning

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Abstract:

Problem statement: The use of different cloud services models has become nearly a de facto standard across industries although its adoption varies based on the operational features and cost optimization. We will focus just on the pragmatic reasons to use cloud services for machine learning and its advantages over the proprietary variant. Also, some alternatives for application modernization to achieve cloud native operability will be discussed.

Our approach: IBM Cloud is an enterprise cloud platform designed for even the most regulated industries, delivering a highly resilient, performant, secure and compliant cloud. Obviously, it is just one part of many more hardware, software, and services offerings coming from IBM, though the company focus on cooperation with academia brings opportunities to have the best of two worlds i.e. leverage enterprise-level offerings to educate next generation experts and foster their talents that might subsequently conclude with a proven entrepreneurship. Wrapping up, an access to infrastructure and required software should not only be perceived as a roadblock, but with the support of companies like IBM will enable more talents to take off with their ideas come true.

About the Speaker:

Michał Sierakowski graduated from several European universities and is an active promoter of cooperation between academia and business. On top of leading the top-notch IBM hardware division in Poland, Baltic Countries, and Ukraine he is also an Assistant Professor at the Faculty of Mathematics, Informatics and Mechanics of the University of Warsaw and former fellow of the Spanish Agency for Cooperation and Development.