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WHAT HAPPENS AT THE INTERSECTION OF AI, IOT AND BLOCKCHAIN



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Leon is a serial Intrapreneur with a number of very successful projects to his credit. He is currently serving as a Director and CTO at IBM Analytics Platform Emerging Technologies where his responsibility is to push frontiers of technology to create next generation products in the area of Big Data, Data Analytics and Data Science. A technologist at heart, Leon focuses on value creation using technology. Leon is a Definite Optimist who believes in envisioning the future and putting together definite plans to achieving the goal. Leon spent 31 years helping clients get value out of their database systems and big data and data science investments. He is a recognized expert in these fields and an authority on cloud computing. Specialties: Database systems, Big Data, Data Science and Cloud Computing.

Abstract. Recent years have been defined by three transformational technologies: Artificial Intelligence, Internet of Things and Blockchain. Each one of these technologies has created waves of disruption in their own segments of the market. Each one has been developing independently with the "swim lanes" for each technology clearly demarcated. This is about to change. The barriers separating these technologies are coming down and, in the process, creating much more disruptive, more powerful movements. AI, needs data, data that IoT can provide. IoT needs intelligence of AI and both of these need the distributed trust and security that blockchain espouses to deliver.

Keywords: artificial Intelligence, internet of rhings, blockchain

The following questions were presented at the IV international conference Big data and Advanced Analytics in 2018. In the last three years our industry has traversed the hype cycle moving from a great deal of enthusiasm around Big Data to fascination with Machine Learning. In 2017, our journey on the hype curve continued with Deep Learning and also brought other areas of Artificial Intelligence like Natural Language Processing (NLP) and Visual Recognition in to focus.

In many ways, 2017 was also the year of Blockchain. Spurred by the astronomic rise of the price of Bitcoin, general public got introduced to the concept of the Blockchain. And ability of Initial Coin Offerings (ICO) to raise very large amounts of money often with not much more than a white paper has made "blockchain" a must have subject for startups and enterprises alike.

This presentation will take a propose a future starting with 2018 where Big Data, AI and Blockchain start to come together and what are the strategies to get ready for and to take advantage of this trend. It will present a project where we applied blockchain and our roadmap for enhancing it with AI.