AI & Deep Learning: *Transforming enterprise decision making*

NASSCOM Big Data & Analytics Summit is in its 5th edition, and we have witnessed its growing importance in terms of participation and the sheer quality of the discussion themes. Our theme last year was "*Rise of Algorithms and AI: Complexity to Competitive Advantage*" where we discussed the growing importance of AI. This year, our theme '**AI and Deep Learning: Transforming Enterprise Decision Making',** will to take it a level further**.**

While analytics and Artificial intelligence have been perennial hot topics, their ability to transform the world of enterprise decision making and the human-machine relationship is bearing fruit in almost every aspect of our lives.

In fact, the pace of innovation in AI is accelerating, causing global thinkers, technocrats and business leaders to speculate how to harness and control AI for good. Every product or service already boasts of or will soon include AI enhanced experience. Here's a sample of recent AI successes in the last 12 months:

(a)   AlphaGo from Google's DeepMind defeated world champion Lee Sedol from Korea at Go, a game where, even as late as 2014, AI was expected to take 10+ years to reach human level.

(b)   Researchers from Stanford recently developed an algorithm that matches dermatologist accuracy in detecting skin cancers from medical images.

(c)   Amazon launched Amazon Go - An AI based "Just Walk Out Shopping" experience. Simply use the Amazon Go app to enter the store, take the products you want, and go!

(d)   Microsoft & Facebook launched services to help visually impaired people navigate in the real world by providing audio feedback.

(e)   P&G launched an Olay App where you can take a selfie, answer a few questions and get personalized skincare recommendations from an AI algorithm.

AI, the experts say, is the new electricity, transforming almost every industry just like electricity did more than 100 years ago. No major global corporation can ignore AI as they compete for winning new customers, enhance customer experience and improve operational effectiveness. The hottest area of AI, witnessing maximum attention and responsible for much of the growth, is deep learning. This new AI, while still in its infancy, will fundamentally reshape how we make decisions and how we share our world with algorithms.

This conference will focus on how AI and deep learning are changing how organizations make strategic and tactical decisions. How are the leading organizations of the world embracing AI and shaping this future? What are some serious teething troubles in implementing AI in the enterprise? What are some of the ethical considerations involved as we bring about these changes? What are the pitfalls we must avoid? We will explore these questions in detail, showcasing some of the newest thinking from leading AI practitioners. Please join us for an intense, provocative and energized conversation on **June 22nd and 23rd, 2017 at HICC, Hyderabad**.

The conference will cover the following topics and more:

(1) AI Horizontal Applications:
   a.   Improving Customer Experience
   b.   Improving operational effectiveness
   c.   AI for risk management & fraud

        d. AI for salesforce effectiveness

(2) AI Technology
        a. Current limitations of AI and deep learning
        b. Deep learning for Image recognition
        c. Deep learning for natural language processing and understanding
        d. Is current AI improving on current analytic methods for structured data
        e. The confluence of AI and BI

(3) AI meets other exponential technologies
        a. AI and IOT
        b. AI at scale on the cloud
        c. AI in genomics
        d. AI & Robotics
        e. AI in autonomous driving
        f. AI for virtual & augmented reality