Mind the Gap: Bringing RPA to the next level using AI Powered Process Discovery

VARTUL MITTAL

Technology & Innovation Specialist, India

Abstract:

Robotic Process Automation (RPA) enables organizations to create virtual workforces that increase process efficiency, reduce errors, and cut operational costs. However, even when enterprises implement RPA, many are challenged with scaling it across the organization and identifying all the potential business processes that can and should be automated for maximum ROI. This presentation will discuss how companies overcome these challenges using AI powered process discovery. Automation has been changing the nature of work for over a decade. It has replaced labour intensive tasks, undertaken repetitive ones, escalated the speed of production and generated new streams of work.

Most organizations are already on RPA journey, which has resulted in productivity improvement, cost savings, process time improvement with repetitive and rule-based processes. The start of the journey involves POCs, pilots, and initial automations. The next frontier is about scaling the deployment and adoption of cognitive technologies such as AI, analytics, machine learning that emulate human behaviour. The transition involves transformation from running RPA on a few processes to scaling up RPA across the enterprise. This session would deal with strategies & challenges in enterprise wide adoption of Automation - crossing over from RPA to RPA+Cognitive , identifying the right operating model & establishing governance, Leadership & talent development , orchestrating stakeholders and board level endorsement.

Biography:

Vartul Mittal is a leading Technology & Innovation Specialist and a seasoned Digital Transformation & Automation leader. He has been honored with the following eminent awards in Digital Business Transformation & AI – Special Achievement Award in Artificial Intelligence at 1st AICRA (All India Council for Robotics & Automation) Global Summit & Awards'19; Most Innovative Digital Leader of the Year at 5th Inflection Summit & Awards'19; Smart Data Centre Management Award at 5th Edition of Data Centre Summit & Awards'18. He has 14+ years of strong Global Business Transformation experience in Management Consulting and with Global—Capability Centres with a remit to drive understanding and deliver Business Operations & Technology Strategy solutions globally. Rest, Vartul is a regular publisher of thought leadership on Chabot News Daily, A Leading European Publication and various White Papers and PoVs across International Journals.

Publication of speakers:

- Blog published on "Robotic Operating Model (ROM) Master class: Delivering RPA at Scale" by Blue Prism - Pioneer in Robotic Process Automation at Enterprise Level

  http://blog.blueprism.com/a-framework-for-rpa-success-lessons-learned-from-a-blue-prism-masterclass?utm_medium=social&utm_source=linkedin

- Thought Paper published on "Industry 4.0 - Digital Transformation in Manufacturing Fostering Innovation for growth" by The Future Factory, Hertfordshire, England

  https://www.thefuturefactory.com/blog/1

- Thought Paper published on "How HR shall leverage AI to foster innovation" in the Sights In Plus HR Magazine, April 2018 issue

  https://drive.google.com/file/d/1I2UAhhICaWts6-pmMyuEy-I3PZKHrOejS/view

- Thought Paper Published on the "Digital Workforce and Evolution of the New Style Enterprise" in Process Edge Journal by Shared Services Forum

  http://sharedservicesforum.in/executing-digital-transformation/#page/28

- Thought Paper on "Next Generation Digital Oilfields" in Oil & Gas Financial Journal -

  http://digital.ogfj.com/ogfj/201709?pg=37#pg37

- Operational Excellence in Financial Services – Speaker Industry Insight

  https://www.opexinfinancialservices.com/operational-excellence-in-financial-services-?mac=SSIQ

International Conference on Artificial Intelligence, Automation & Robotics; August 26-27, 2020; Dubai, UAE.