



DIGITAL TRANSFORMATION AND ASSET MANAGEMENT: CREATING VALUE WITH DATA SCIENCE AND INTELLIGENT ENTERPRISE ASSET MANAGEMENT

THINKING LIKE A DATA SCIENTIST – HOW ASSET-INTENSIVE INDUSTRIES CAN CREATE VALUE AND SUCCESS IN THE IOT-ENABLED WORLD

Digitization is transforming the “asset intensive” industries just as it has transformed every other sector of the world. With data at our fingertips and the ability to analyze in real time, manufacturers and engineers can make smarter decisions and predictions to improve process efficiency, reliability of assets and optimize lifecycle cost.

There's a large gap between aspiration and reality when it comes to implementing AI in organizations. How do you make sure that your company and/or organization is going to get more successful results from its AI endeavors? How can data science help asset intensive industries drive effective digital transformation?

Data is an important asset for any company. Digital is what enables it to create value. To create value from the data is where data science is needed. Creating value from data is not easy. Most people think just having data, building some dashboards is the way to create value but data science takes it one step further because the goal is to improve the business on an ongoing basis

Following a structured approach to data science and AI helps you to maximize your chances of success in a data science project at the lowest cost. It also makes it possible to take up a project as a team, with each team member focusing on what he or she does best.

Join us to Learn to think like a data scientist to contribute, manage, and lead strategic initiatives that drive digital transformation in an increasingly competitive environment.

In this webinar we are going to throw light on:

1. Challenges faced in today digital world
2. How to enable digital transformation & IIOT
3. How to think like a data scientist
4. A practitioners Guide to Successful AI Implementation

TRENDS IN ASSET MANAGEMENT AND EAMS SOLUTIONS

Much of the world's civil infrastructure has reached – or exceeded – its useful lifespan, leading to a USD \$2 trillion backlog of improvements to more than a million structures globally. It's a critical economic growth initiative to ensure the continuity of daily life for citizens.

Intelligent Asset Management solution, merges digital intelligence with engineering know-how. It helps operators safely monitor, manage, and maintain infrastructure assets, predict failures, and prioritize repairs. You can integrate and visualize 3D BIM models within the same system to plan and execute work more efficiently.

They connect technicians and mobilize your workforce with deep knowledge and AI and A/R assistance on the latest mobile platform to help them solve any problem, anytime, anywhere.

Advanced asset performance management (APM) solutions unleash the power of AI and IoT to help companies make real-time decisions using visual inspection, remote monitoring, predictive maintenance and more.

Smart companies are increasingly aiming to take full advantage of artificial intelligence (AI)-powered technologies that can be incorporated into asset performance management solutions. These AI-powered tools help optimize asset decision making while integrating OT data with IT.

By utilizing such advanced solutions, operation leaders, asset owners and risk professionals can help improve asset health, maintenance, lifecycle, and overall asset strategy.

ABOUT SPEAKERS



Neeraj has 25 years of experience in Asset Intensive Industries. He started his career as an Instrumentation Engineer in downstream Oil & Gas industry.

Neeraj has worked in various industry segments like Utilities, Transportation, Retail, Manufacturing, Mining, Oil & Gas etc. Held various technical, business development, consulting, project management, Pre-sales positions and currently Asset Management Solution Leader with IBM, AI Applications covering APAC region.



Michael Taylor is currently the Chief data scientist for Siemens Mobility with over 15 years' experience in Data Science, strategic thinking and stochastic optimization.

He has worked with leading global Media & technology companies including eBay Inc, Visa Inc and British Sky Broadcasting (Sky) to guide them through building and executing on strategies using advance technologies and Data science. Michael is a Fellow of the Royal statistical society , Member of the Operations Research Society and a Guest Lecturer in Big data for Business analytics at the University of Milan since 2019.

He is an author of 5 books in Philosophy and Contemporary Religion and he enjoy writing and practicing Martial Arts. In the last two years, he has developed key interest and actively participating in Digital asset management for Rail, digital transformation and IIOT.

WEBINAR DETAILS

Date: 25 Nov 2021

Time: 3pm to 5.30pm

CPD: PDUs for PEs and CEngs

(All To Be Approved)

Fees: \$20 (IES Members / \$40 (Non Members)

(Fees exclude 7% GST)



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