

40/2020

# INSPEM'S ONLINE WEEKLY SEMINAR

DATE : 4 DECEMBER 2020 | TIME : 3.15 PM  
MEDIUM : VIDEO CONFERENCE (GOOGLE MEET)

 <https://meet.google.com/wvg-etio-equ>



**DR. DZAHARUDIN MANSOR**

National Technology Officer  
Microsoft Malaysia



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Topic :  
**The 4<sup>th</sup> Industrial Revolution  
The Central Role of Mathematics**

## ABSTRACT

Data and AI is accelerating the 4th Industrial Revolution, but COVID-19 has forced upon us digital transformation much sooner than expected. While our customers today need to continue run their matured business efficiently and successfully, it is no longer an option for them to continuously embark on bold and rapid innovation to seek new disrupt or protect against being disrupted. This requires companies to leverage on the democratized digital platforms to enable them to engage the modern customers effectively and optimally, while constantly exploring new business models in ways that manages the risks. In addition, the people need to have the right skills to harness the value of data using the digital platforms. The core body of knowledge in mathematics plays a central role data science that enables organizations to unlock the power of Data and AI. With the fast-changing use of technology, it is important for all of us to strengthen the relatively timeless fundamentals, and supplement these with applied skills that we need to constantly learn to be successful in this new world. This interplay of technology adoption and skilling is we term as "Tech Intensity" which is needed by all organizations to stay relevant and succeed in this new world.

<https://www.thegeniusworks.com/2018/09/satya-nade-lla-on-tech-intensity-at-microsofts-hugegathering-of-business-leaders-ready-to-envision-the-future/>



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