



**TDI ACADEMY**  
LEARNING FOR THE DIGITAL AGE



# Lesson 1 - The 4<sup>th</sup> Industrial Revolution

## Summary and further references



# Summary: The 4<sup>th</sup> Industrial Revolution

## Key learning goals

1.1.1

Explain the 4<sup>th</sup> Industrial Revolution and its emerging technologies

1.1.2

Compare the 4<sup>th</sup> Industrial Revolution with previous Industrial Revolutions

1.1.3

Evaluate the potential effects of the 4<sup>th</sup> Industrial Revolution on business and society, including the insurance industry



# Summary: The 4<sup>th</sup> Industrial Revolution

“

Cars are our feet  
Calculators are our minds  
Google is our memory.

Our lives NOW are only partly biological  
with no clear split between the organic and  
technological, the carbon and the silicon.

We may not know yet where we are going  
But we've already left where we have been.

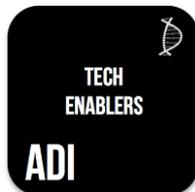
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Source : Closing remarks by DT Max in National Geographic feature, “The Next Human – taking evolution into our own hands” April 2017





- **Multiple choice questions:** retake until you pass – Must do!
- **Feedback on this lesson:** welcome your views and ideas – Must do!
- **Next lesson:** 1.2 - Our Connected World
- **Weekly clinics:** diarise them - we don't record them
  - Informal sessions
  - Opportunity to meet
- **Community Group:** get connected
  - Chat with Mentor and fellow participants
  - 1-1 or group post
  - 1 group for each Course
- **Assignment:** plan ahead take a look at the assignment at the end – you can start when you are ready



# Further references for extending your knowledge

Further references are for your interest and further study and recommended to broaden your knowledge. They may form part of the formal assessment process. They may be referenced in the weekly clinics

Area of Knowledge	Description and Source	Link	Approx. Time	Reasons to engage
1. What is the Fourth Industrial Revolution?	Video Explainer by CNBC	<a href="#">watch</a>	4 mins	Another good summary of the 4 <sup>th</sup> Industrial Revolution – professionally produced
2. Beyond Technology: The Fourth Industrial Revolution in the Developing World	Report from CSIS – Centre of Strategic and International Studies	<a href="#">read</a>	2 hours (50 pages)	Practical, real world issues and applications arising from the 4 <sup>th</sup> Industrial Revolution
3. Silencing the noise	Deloitte Report	<a href="#">read</a>	1 hour (50 pages)	Industry 4.0 Paradox and Superminds – humans working with computers
4. KPMG -Will humans rise in the workforce of the future?	KPMG report	<a href="#">read</a>	20mins (17 slides)	Dealing with insurance-specific talent gaps and talent management
5. The Global Risks Report 2019	Webinar from World Economic Forum	<a href="#">watch</a>	55 mins	A discussion on the major risks faced in June 2019
6. Scaling Intelligent Manufacturing: 10 Factories Leading the Way in Innovation	World Economic Forum & McKinsey	<a href="#">read</a>	5 mins	Latest update on Global Lighthouse project
7. 11 must-reads on the ethics of the Fourth Industrial Revolution	Video from World Economic Forum	<a href="#">watch</a>	11 mins	Ethical Issues relating to the 4 <sup>th</sup> Industrial Revolution
8. Civil Society and the 4IR	Report from World Economic Forum	<a href="#">read</a>	40 mins (20 pages)	How Civil Society needs to respond to the 4 <sup>th</sup> Industrial Revolution
9. Regulation for the 4IR	Long web article from UK Government	<a href="#">read</a>	30 mins	Pro-active regulation for the 4 <sup>th</sup> Industrial Revolution
10. The future of work is human	Video interview from New Economic Thinking	<a href="#">watch</a>	30 mins	Very insightful and clear view on comparative advantage

