

## Discussion 1 -

Read the Schwab (2016) article from World Economic Forum and discuss the impact of industry 4.0 on the sector in which you are involved or interested.

### Instructions

- Identify a specific incident (not covered in your reading list) where the failure of an information system has had a significant impact.
- Your post could consider a range of impacts of the failure, including: the implications to customers, the economic cost, the reputational cost, or any other relevant impacts.

What is 4.0 the fourth industrial revolution

The 4.0 fourth industrial revolution is the integration of intelligent digital technologies in the manufacturing and industrial workplaces. It is a fundamental way to change the way we live, work and relate to each other.

In 2022 a cybersecurity team called safety detectives notified pegasus airlines about a problem they had, which was that they had left a large amount of their sensitive data unprotected. The data contained sensitive information such as flight charts, navigations material, crew PII and software source code. Had a data breach occurred to this data thousands of passengers and flight crew could have been severely affected and their safety compromised. This near incident occurred due to negligence and human error. This could of had severe complications to all the customers, by affecting their holidays, giving out sensitive information and jeopardising the safety of flight crew and passengers.

## References:

L.Pryimenko (2024) 7 examples of real-life data breaches caused by insider threats. Available at: <https://www.ekransystem.com/en/blog/real-life-examples-insider-threat-caused-breaches> [data accessed 12th august 2024].

McKinsey & company (2022) what are industry 4.0, the fourth industrial revolution, and 4IR?. Available at: <https://www.mckinsey.com/featured-insights/mckinsey-explainers/what-are-industry-4-0-the-fourth-industrial-revolution-and-4ir> [date accessed 11th august 2024].

World economic forum (2016) the fourth industrial revolution: what it means, how to respond. Available at: <https://www.weforum.org/agenda/2016/01/the-fourth-industrial-revolution-what-it-means-and-how-to-respond/> [date accessed 12th august 2024].