Ben shows the precariousness our society exposes itself to by relying exclusively on interconnected information systems. To convey and illustrate his argument, Ben has chosen the CrowdStrike incident which occurred in July 2024 demonstrating the chaos which affected various sectors and industries and was caused by a failed security patch update, allowing attackers to infiltrate their target network. The first critical vulnerability is that the attackers exploited outdated or not appropriately secured servers (Naseer, 2024)

Data governance and security are determining paradigms to this underlying and ubiquitous digital layer which is allowing our society to function. Proactively addressing AI-based security issues is a key factor for an industrial environment with smart factories, autonomous systems, CPS, IoT, cloud computing, and big data (de Azambuja *et al.*, 2023). Organising actors to proactively protect against those threats is exemplified by the importance and the scope of cyber warfare.

Ben raises concern in delegating cybersecurity tasks to AI and machine learning. A recent study revealed that organisations are increasing the pace of adoption of AI/ML in cybersecurity and overall, close to three-quarters of firms surveyed admitted that they were testing use cases for AI/ML for cybersecurity (Kinyua and Awuah, 2021).

In handing over key responsibilities such as decision making and deployment to machine learning algorithms, Ben also points at the risk of reducing human intellectual skills which is a recurrent concern associated with the rise of artificial intelligence. (Ahmad *et al.*, 2023)

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