

Reflection

This week, I have researched various computer science topics, such as data science, artificial intelligence, and standards. As someone interested in these topics, I found the discussions and readings stimulating and challenging.

I recognise the growing significance of data-driven approaches in computer science research. As we have seen, data science techniques like machine learning and data mining are used in various fields, from healthcare and finance to transportation and entertainment. Simultaneously, advances in AI enable new forms of automation and decision-making, with significant implications for both individuals and society.

Another area of interest to me is the role of standards in ensuring that technology is developed and deployed responsibly and ethically. As I have documented in this ePortfolio and on my EMA, standards can play a critical role in ensuring that data-driven systems are transparent, fair, and secure and in mitigating the risks associated with biased or discriminatory AI.

In my research, I have been looking into how data mining and project management techniques can improve operations at Amazon's fulfilment office. I specifically examined office operations in terms of product demand, inventory levels, and order processing times in order to create more efficient and effective workflows. This research has highlighted the significance of data-driven approaches in supply chain management and the potential benefits of using data to drive decision-making.

Overall, this module has given me a solid foundation for understanding the key research topics and trends in computer science. It has inspired me to continue investigating these areas on a daily basis.