Day 4: Data, information and knowledge

I learned about the distinction between data, information, and knowledge and how they are interconnected. I learned that data is raw, unprocessed facts and figures. Information is data that has been organized, contextualized, and given meaning. Knowledge is a deeper understanding of the information and how it can be applied to make decisions or solve problems. I understand that data is the foundation for information and knowledge, but it's the organization, interpretation and the ability to apply it that makes it valuable. I am excited to apply this understanding in my work, by being more mindful of the different forms of data that I come across and how to transform them into meaningful information and knowledge.

Some insights:

- Data refers to raw and unorganized facts, figures and statistics.
- Information is derived from data that has been processed and organized, making it meaningful and useful.
- Knowledge is a higher level of understanding and awareness, gained from experience and information.
- The transformation from data to information to knowledge occurs through processes such as data analysis, interpretation, and synthesis.