**What is Responsible AI?**

Should be transparent so that every step of the development is recorded in a way that cannot be altered by humans or other programming.

The data should not be biased

Analytic models that support AI can be adapted without introducing bias

That organisations which employ AI are sensitive to its impact both positive and negative.

It should be easily understandable by an average end user

It should be efficient, run quickly and continually

**Implications of where AI has failed or been used maliciously or incorrectly?**

In Arizona in 2020 a self-driving Uber car hit and killed a pedestrian, the collision detection was overridden by the AI.

Amazon’s AI recruiting tool had a gender bias towards men as it was based on CV’s that had been submitted in the previous 10 years when there were far more male applicants.

Facial recognition has been used to superimposed faces of famous people onto actors in adult films and used to embarrass and humiliate the famous person.

**Article 22 of the UK GDPR law specifies:**

The data subject shall have the right not to be subject to a decision based solely on automated processing including profiling, which produces legal effects concerning him or her or similarly significant affects him or her.

Individuals should be given information about processing

Introduce simple ways for them to request human intervention or challenge decisions

Carry out regular checks to make sure systems are working as intended.

Not adhering to this can lead to an automatic refusal of an online credit application and e-recruiting practices without human intervention.

Organisations should ensure that responsible AI guidelines are followed and that the information the hold cannot be accessed by unauthorised people, for example where I work there was a cyber attack last year, the multinational company was held to ransom and virtually all work ceased for 2 weeks. The impact was both financial and to the reputation of the company. Had there been a far more secure network then this need not have happened.