Research and summarize your learnings on XAI in 100 words.

Ans: Explainable AI (XAI) is artificial intelligence that is programmed to describe its purpose, rationale and decision-making process in a way that can be understood by the average person. XAI is often discussed in relation to deep learning and plays an important role in the FAT ML model (fairness, accountability and transparency in machine learning).

AI provides general information about how an AI program makes a decision by disclosing:

* The program's strengths and weaknesses.
* The specific criteria the program uses to arrive at a decision.
* Why a program makes a particular decision as opposed to alternatives.
* The level of trust that's appropriate for various types of decisions.s
* What types of errors the program is prone to.
* How errors can be corrected