

Q. Research and summarize your learning's on XAI in 100 words.

Explainable AI (XAI) is an emerging field in machine learning that aims to address how black box decisions of AI systems are made. This area inspects and tries to understand the steps and models involved in making decisions. XAI is techniques in the application of artificial intelligence technology (AI) such that the results of the solution can be understood by humans. It contrasts with the concept of the "black box" in machine learning where even their designers cannot explain why the AI arrived at a specific decision. Explainable AI provides insights into the data, variables and decision points used to make a recommendation. ... As machine learning is the most common use of AI, most businesses believe that machine learning models are opaque, non-intuitive and no information is provided regarding their decision-making and predictions.