

## Report on XAI

XAI refers to explainable artificial intelligence. It is a method for human to understand the solution of a problem. It is like a black box because the result it shows, cannot even explained by its designer. It help end user to trust AI and it improves user experience as well. There can be used either out of box solution like IBM Watson/TensorFlow or open-source tools and sometimes Pytorch in XAI. In Defense sector there is also use of XAI. The challenges come when it comes to XAI is generally linked to any ML/AI project. The business use-case is not identified properly.