

COMMENTS

COMMENTS ON THE INITIAL DRAFT OF THE AI RISK MANAGEMENT FRAMEWORK

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COMMENTS

Dear esteemed members of NIST,

I shall take the liberty to put forward pithily, my comments for your perusal below.

I humbly request NIST to include guidance on the following;

DEFINITIONS

It is imperative to have clear definition(s) concerning the nomenclature used with respect to the domain of AI. Therefore, the definitions in the framework may be aligned with other legislations, code of ethics etc., pertaining to AI such as, the proposed AI Act of the European Union for ease and standardization.

IMPACT ASSESSMENTS

As the AI systems severely impact individuals and certain sections of the society after deployment, hence, the framework may provide for the manner of conducting impact assessments such as, Human Rights Impact Assessments (HRIA) etc., before deployment. Further, the framework may also contemplate introducing something on the lines of 'protected class impact assessment' and the manner of conducting *ex ante* assessment of risks.

POST-DEPLOYMENT MONITORING

Constant monitoring of an AI system post-deployment is necessary to identify any risk not identified before or to keep new risks under check. It is also vital to track, review and reassess cases. The framework may provide for the manner of operationalizing post-deployment monitoring, review and reassessment of cases and *ex post* assessment of risks.

RISK MANAGEMENT POLICY & ESTABLISHMENT OF COMMITTEES

Before embarking on a journey to build an enterprise's risk management policy with respect to AI systems, it is vital to know its 'risk appetite' and 'risk tolerance'. For instance, what should be done if a system crosses the enterprise's 'risk tolerance' level? Further, how, and at what stages, and mode and manner etc. risk should be evaluated. The framework may include recommendations on the above and also on oversight, auditing (both internal and external), documentation, internal controls for risk mitigation etc. It may also contain guidance on establishment of different committees to oversee whether the risk-related policies are implemented or not. The framework may also contain recommendations to the entities developing and deploying AI systems to refer to, risk incident databases, such as the one developed by the partnershiponai.org and study and implement, in appropriate and similar cases, the result(s) derived from those cases."

PRIVACY AND CYBERSECURITY RISKS

Although, privacy and cybersecurity risks are to be tackled by related frameworks, but there can be guidance on certain privacy and cybersecurity risks specific to AI systems, both at the design,

