AI Ethics

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In today’s world of technology nearly every process is digital which enables huge amount of data generation on day-to-day basis. Every organization on earth is making its best efforts to utilize the data as productively as possible. On this vast data are working the Artificial intelligence models which have revolutionized the value that we can draw out of it which is rapidly changing the way our world works.

At plain sight it appears to be a ground-breaking advantage, but these AI models are subjected to bias majorly due miss-representation of many groups or classes in the underlying data. For instance, a hiring algorithm that was trained on past hiring data may favour a certain demographic group and disregard others. The algorithms are created by humans and humans tend to have some bias innately.

Transparency is a common concern related to ML and AI algorithms as most of the algorithms work as black boxes. Explainability of the results is another concern which leads to mistrust by the users. Without human governance the dependency on these models can lead to severe consequences.

Ethical consequences of biased algorithms are one of the biggest apprehension. In critical applications like healthcare, finance the biased conclusions can severely impact human life and financial wellbeing. It is indeed a necessity to have accountability and integrity in AI systems.

In Summary, the potential of AI and ML algorithms to process data to generate actionable predictions and classifications is colossal. But at the same time, it is critical to ensure implementation of ethical guidelines, continues monitoring and audits so we can bring down the bias and leverage the full capability of Machine Learning and Artificial Intelligence algorithms.

**References:**

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