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RE: NIST Requests Comments on Draft Plan for Federal Engagement in Developing Technical Standards and Related Tools

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Salim AbiEzzi <salim@vmware.com>

Wed 7/3/2019 10:22 PM

ai_standards; Tabassi, Elham (Fed) ▾



Greetings,

Reiterating a point I raised during the workshop.

I suggest highlighting the importance of open credible big data in the different AI verticals to enable machine learning innovation and benchmarking. Needs to be from real life sources and of sufficient volume to be effective. Such data is hard to come by and in a lot of cases can't even be purchased. Social networking, online retail, health care, finance, manufacturing, IT, transportation, smart building or cities, etc. Without the availability of such data, the innovation process will be exclusive to the large players who can generate their own. Startups, small companies and academic groups will face difficulties to get in the game.

Only the government has the weight and organizing ability to lead, motivate and facilitate the availability of open data from the large players in the different verticals (of course with anonymization and respect of privacy, etc.) for the collective good. After all this data is often sourced from the people and should be made available for the public good. Case in point, the MNIST database of digitized handwriting, is heavily referenced and seems to be a catalyst for progress in neural net research and deep learning.

Best,

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From: Tabassi, Elham (Fed) <elham.tabassi@nist.gov>

Sent: Tuesday, July 2, 2019 2:09 PM

To: Tabassi, Elham (Fed) <elham.tabassi@nist.gov>

Subject: NIST Requests Comments on Draft Plan for Federal Engagement in Developing Technical Standards and Related Tools

A draft "Plan for Federal Engagement in Developing Technical Standards and Related Tools" is now available for public comment at <http://www.nist.gov/topics/artificial-intelligence/ai-standards>. This draft reflects input from the public through responses to the Request for Information and the May 30th workshop (thanks for attending and for good discussions!), as well comments from Federal agencies. The draft plan recommends four actions for federal engagement in AI technical standards: bolster AI standards-related knowledge, leadership and