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July 9, 2021

Dr. Francis Collins National Institutes of Health 9000 Rockville Pike

-visited website for information on the Thealth of children and teens, KidsHealthoomeffortto create the health generations oil othen Nemours Heart Strain Live nership (OMOStandard data model, and in sharing data as part of multiplesetworks. of the OMOP modbowsour research EHR dataontribute trational networks such as PEDSnet, PCORnet and the newly developed Micave for COVIDated data additionour health system participates in number of ational disease "10"10100000"01011"010000 3.7"3010300" "Hermania and Harmania and Harm

Background

Nemourstrongly encourages NIb-center its efforts to reduce disparities through an approach with at begins children and their families you know, e

Beyond merely lacking qualities of pediatric EHR data in aggregated or federated research datasets use of multigenerational datasets will require careful stratifical stratifi

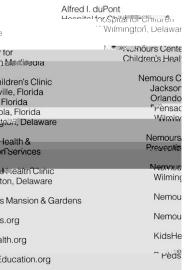
Nemoursalready has teach lished expertise in AI/ML techniques, managing messech defidentified HRdata, and linking geocode DoHdata to support research on hose at the list of list of care the property two decades of EHR data over three million pediatric patients to discover patterns of care the property two decades of EHR data over three million pediatric patients to discover patterns of care the property two decades of EHR data over three million pediatric patients to discover patterns of care the property two decades of EHR data over the property two decades of EHR data over the property two decades of EHR data over the property two decades of care the property that the property two decades of care the property two d

Another area grifeatoromise for AI/ML is its application medicine. Our sission has focused largely on the incorporation of EHR and SDadsidatat translyses that illultimately illows to create ever more precise patienthenotype. This greater excision in characterizing patientotypeshould open to the or to AI/ML studies ble tountangle the omplex relationships weem? PLaindhéalth The massive quantit data needed to expect his genotype henotype om pexity demands omputer securces with extremely large emory capacity and massively parallel computational call patientitures support in an expectation of efforts luding as candidated that provides AI/ML and related computationals research, predictive an analystic sality improvement. Our experiences in developing and maintaining the storage and mputational power for BRIC under the congruing encourage NIH to allocate instrumentation grant support or AI/ML application health are Nemour strongly encourage NIH to allocate instrumentation grant support or AI/ML focused special purpose computer and storage liver and another programs

Finally, Nemoursbelievs that providing support for academic programs seeduon equity, social determinants, disparities and related areas, combined with scholarship and internship opportunities within healthcare organizations is a way to promote both greater interest and dispensively in the workforce that will use and delop even more advanced Al/ML tools in the future

Conclusion

Nemours is committed etweloping tools like AI/ML that show two impression patient carelang term health outcomes



Citations