

Nemourthe opportunity to

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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 testalished expertise in AI/ML techniques, managing research defidentified HRdata, and linking geocod and or but at the support research on howealth disparities between is also deraign generally two decades of EHR data over three million pediatric patients to discover patterns of care three pleased to outcomes AI/ML can evaluation level data to find factors that contribute to discover patterns of care three pleased to outcomes AI/ML can evaluation level data to find factors that contribute to discover patterns of care three pleased to outcomes AI/ML can evaluate population level data to find factors that contribute to discover patterns of care three pleases outcomes AI/ML can evaluate biomarkers or sociomarkers, as well resective factors. They can also develop predictive tools, risk stratification and geographic targeting proaches which are critical than a nation continues to remove allubrate and population when the literature of the

Another area grifeatoromise for AI/ML is its application medicine. Our sission has focused largely on the incorporation of EHR and SDadsidatat to analyses that illultimately illows to create ever more precise patienthenotype. This greater excision in characterizing patientotypeshould open to AI/ML studies be to untangle the omplex relationships ween P. Lafridhéalth The massive quantit data needed to expect his genotype henotype om texity demands omputer securces with extremely large emory capacity and massively parallel computational call patientity is support amedical research formatics. Center (BRIC) that provides AI/ML and related computationals resistours are arrest of effoirts ludinguatic and clinical research, predictive an analysis in improvement. Our experiences in developing and maintaining the storage arod imputational power for BRIC under the congruing encourage NIH to allocate instrumentation grant support or AI/ML application healthare 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 carelangterm health outcomes



Citations