

Conclusion

Addressing the challenges associated with biomedical big data must of necessity engage all parts of the big data ecosystem. While these challenges are complex, they are also addressable. BD2K is deploying an integrated plan of action that will tackle numerous aspects of the big data challenge, including multiple elements of data science, training, policy, and community behaviour. While the NIH is only one part of the biomedical big data ecosystem, it can provide leadership for convening stakeholders, providing seed funding, developing metrics for success, implementing a working process, establishing and modifying policies, and supporting basic infrastructure that can catalyse long-term solutions for the biomedical research community.

Reference:

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