

Responses to the NIH Big Data to Knowledge (BD2K) Request for Information (RFI) on Resources for Teaching and Learning Biomedical Big Data Management and Data Science

I. RFI Overview

The goal of this Request for Information (RFI) was to **identify the array of timely, high quality courses and online learning materials already available on data science and data management topics for biomedical big data**. In order to achieve those aims the RFI sought information on courses, workshops, guides, resources, and MOOCs (Massive Open Online Courses) on the topics of data management, statistics, and computer science. The RFI was released November 4, 2014 and closed December 31, 2014.

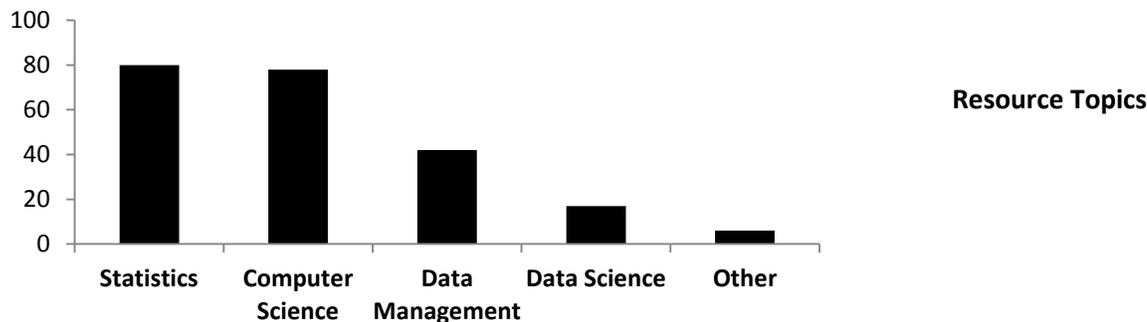
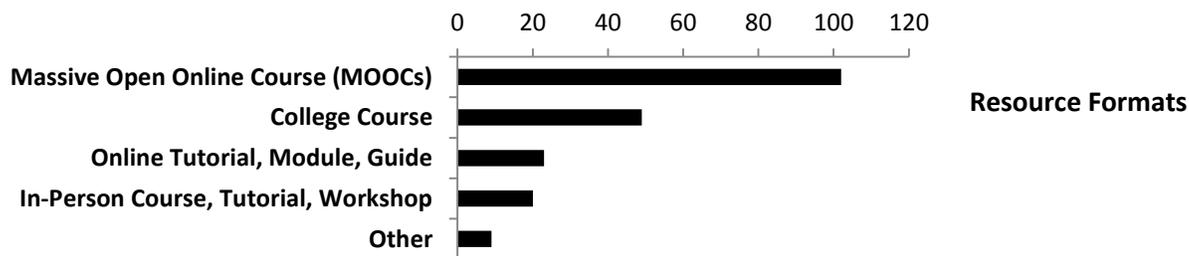
II. Response Summary

In response to the RFI we received:

 **16 Responses**

 **Detailing over 219 Online and In-Person Courses, Tutorials, Guides, and MOOCs**

 **From 84+ Institutions and Organizations**



 **Sample Resource Titles: Data Management 101, Computing for Biomedical Scientists, Statistical Learning**

III. Recommendations

Based on the large number of resources recorded **we recommend that BD2K create and maintain an online searchable database of educational resources related to data management and data science**. This database could be maintained by one of the future BD2K Centers of Excellence, and would allow for the submission of new courses and resources to ensure that education related to data management and data science is accessible to all.