

Data-Driven Librarianship: A New Service for Medical Librarians

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Abstract

Introduction

The present study aimed to develop an appropriate framework to explain and define the new roles of medical librarians as data-based librarianship.

Materials and Methods

This research is a qualitative study that defined a framework for data librarian by reviewing the research literature and content analysis. For this purpose, all scientific texts with the keywords of data-driven librarianship and the field of health were searched on the web site of Science, Scopus and Pubmed. Then, using the content analysis technique, the components and codes of this field were extracted and finally a suitable framework was developed for it.

Result

The components of the proposed framework for data-driven librarianship are: data collection, data access, data storage and structuring, data modification, data representation, data documentation, data validation, data literacy, data analysis and data management

Discussion and Conclusion

Data librarian is a new role for health librarians and developing a training program for such librarians should be on the agenda of medical librarians. It is necessary for the managers of the medical library departments to create this tendency by identifying the potentials of the field. Medical library administrators must also provide the necessary infrastructure to implement this idea.

Keywords: Medical Librarian, Data Based Library, Data Management, Health Data

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