



Perceptions of New Roles for Libraries and Librarians in Big Data Adoption

Implementation of Big Data in Libraries

https://www.youtube.com/watch?v=-5TC_e55r9s



HUMAN RESOURCE
Librarian - Training and staffing



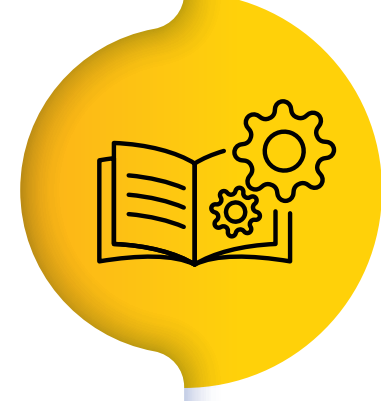
LITERATURE RESOURCE
Capturing paper literature resource
Integration and electronic literature resource - digitization projects



SERVICE MODERNIZATION
Document delivery and prompt service



TECHNOLOGY BOOST
NOSQL
HNC



CONSTRUCTION OF STRUCTURE
Request for funding
Collaborative efforts
Resource sharing



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References

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- Islam, N., Islam, K., & Islam, M. (2023). Exploring the potential of big data analytics improving library management in Indonesia: challenges, opportunities, and best practice. *Internet Reference Services Quarterly*, 27(2), 111-120. <https://doi.org/10.1080/10875301.2023.2184900>
- Oladokun, B. D., Aboyade, M. A., & Aboyade, W. A. (2023). Global challenge and opportunities for libraries and big data. *Library Hi Tech News*. <https://doi.org/10.1108/LHTN-12-2022-0138>

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01101
10011
10101

Improve
informational
decisions

01101
10011
10101

Better recognize
the user's mind

01101
10011
10101

Capturing a widespread
multidisciplinary
collection

01101
10011
10101

Next generation
products and services
are developed

01101
10011
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Shared resource
ecosystem



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01101
10011
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Access user
generated
content

Big Data Analysis

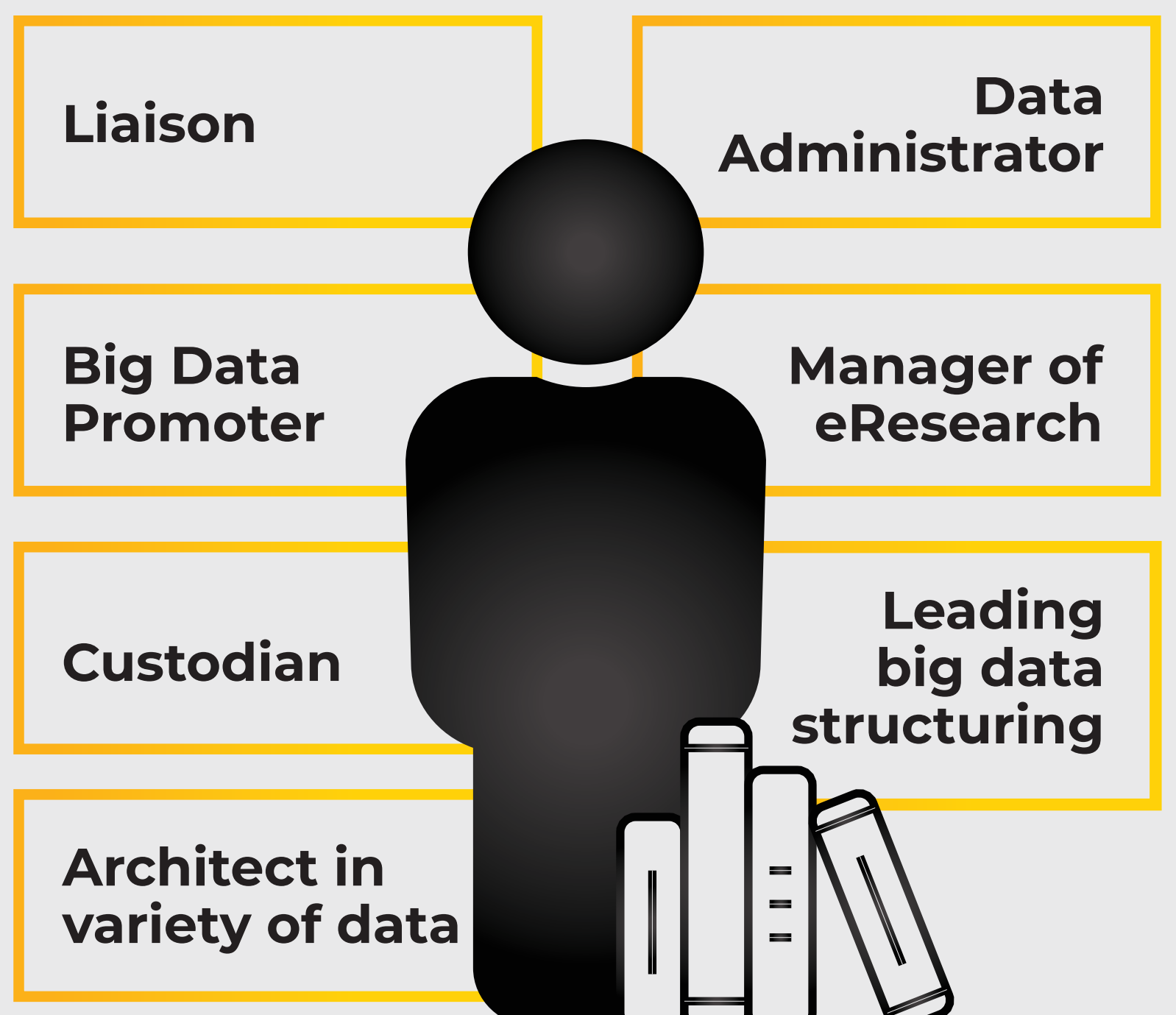
<https://www.youtube.com/watch?v=IQYHqX8s8M8>

- Library collection shaping
- Quality search results
- Significance of user's data
- Requirement analysis
- Visualization of data



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So What is the Role of Librarian in Big Data?



Future Considerations

Growing momentum of big data to capture broad content i.e. linked data

Informed decisions on resource purchase and AI tools

New ways data can be analyzed, enhancing value to services and programs

Implement, monitor and modernize security/privacy policies