



# Pandemi Covid 19: memaksimalkan Peran Pustakawan di Era Big Data

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Dipresentasikan pada Webinar Peran  
Pustakawan dan Perpustakaan dalam  
Situasi Pandemi COVID-19



# Ruang lingkup konsep pembahasan

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- Kondisi social pada masa pandemic Covid-19
- Big Data
- Peran pustakawan dalam masa lockdown disebabkan Covid-19
- Peran Pustakawan dalam era Big Data

# Akibat pandemi COVID-19

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- Bekerja dari Rumah (*work from home*)
- Belajar dari Rumah (*study from home*)
- Pelayanan dari Rumah (*service from home*)
- Ledakan informasi terasa semakin meningkat dalam berbagai bentuk dan sumber, khususnya melalui sarana media social
- Memaksa kita beradaptasi dengan perubahan

**BIG DATA**



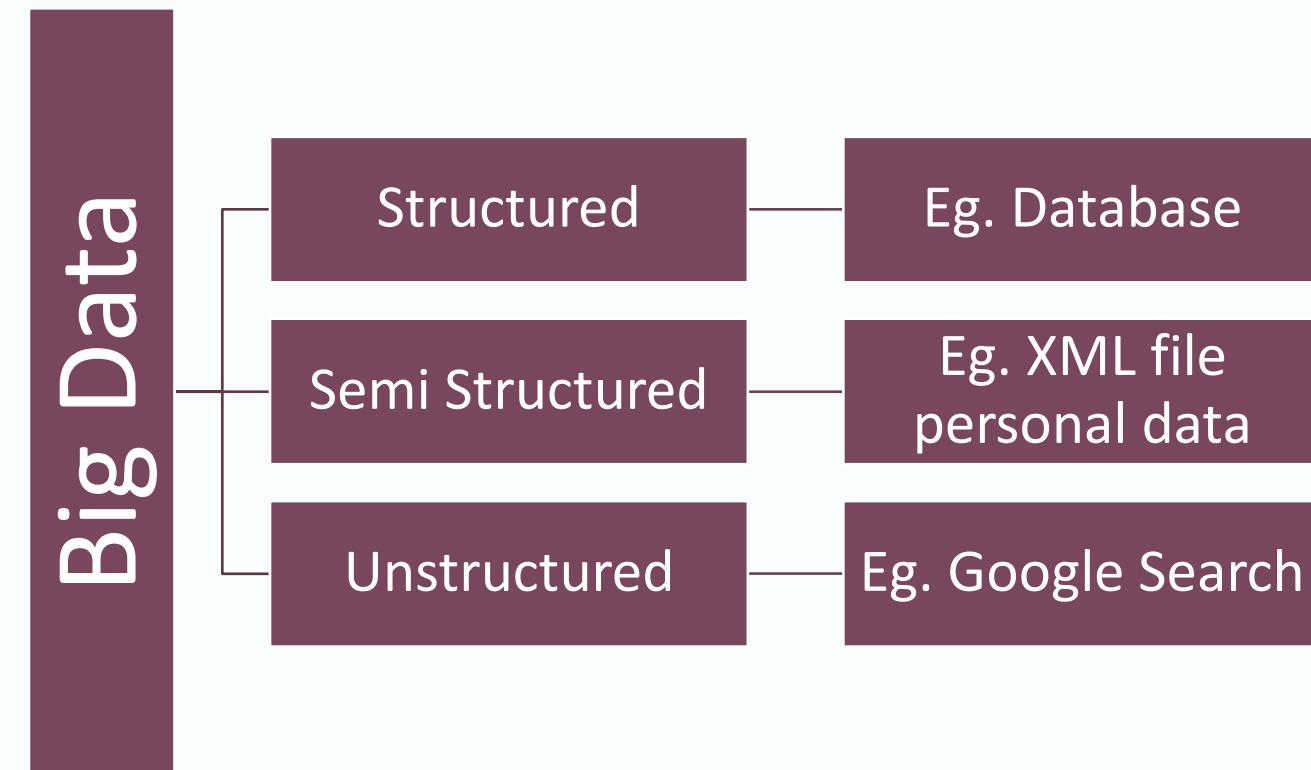
# Big Data

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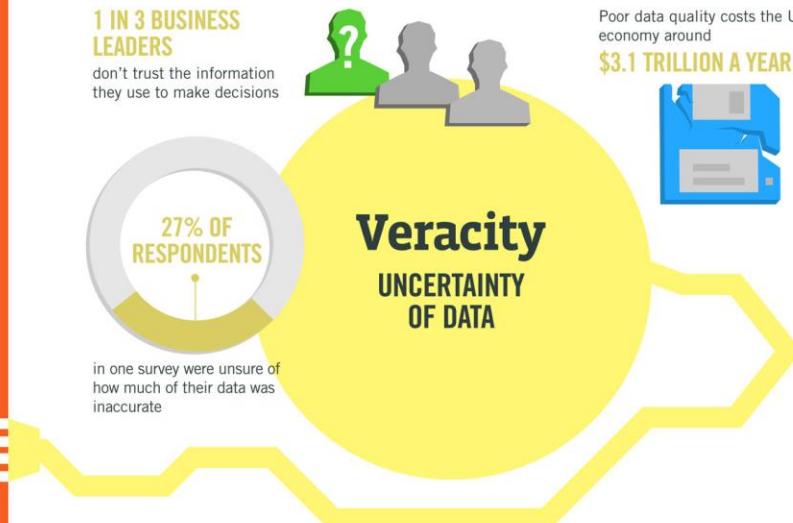
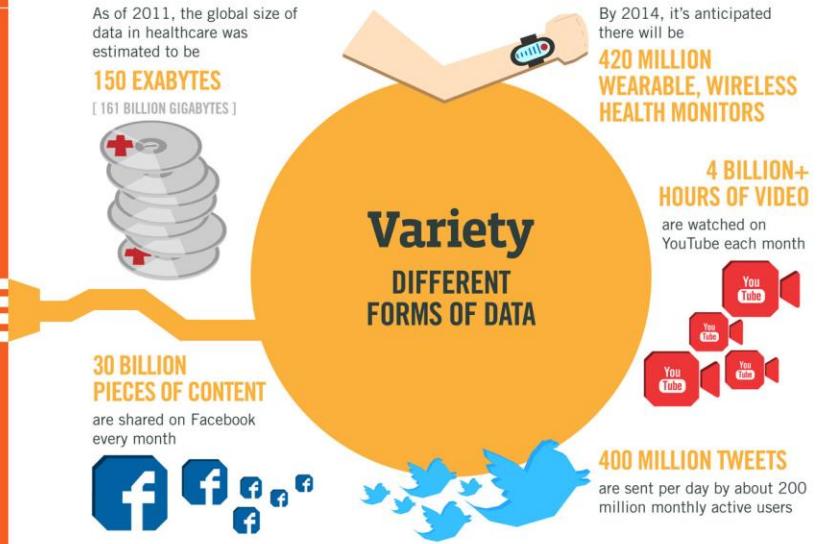
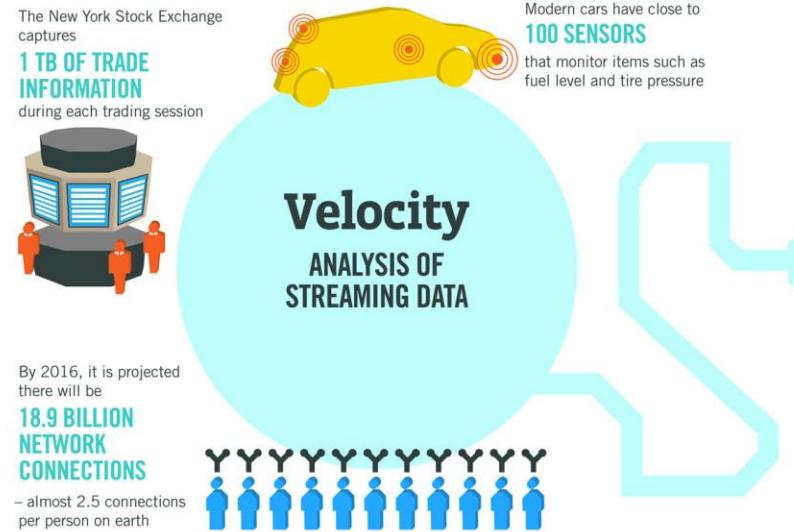
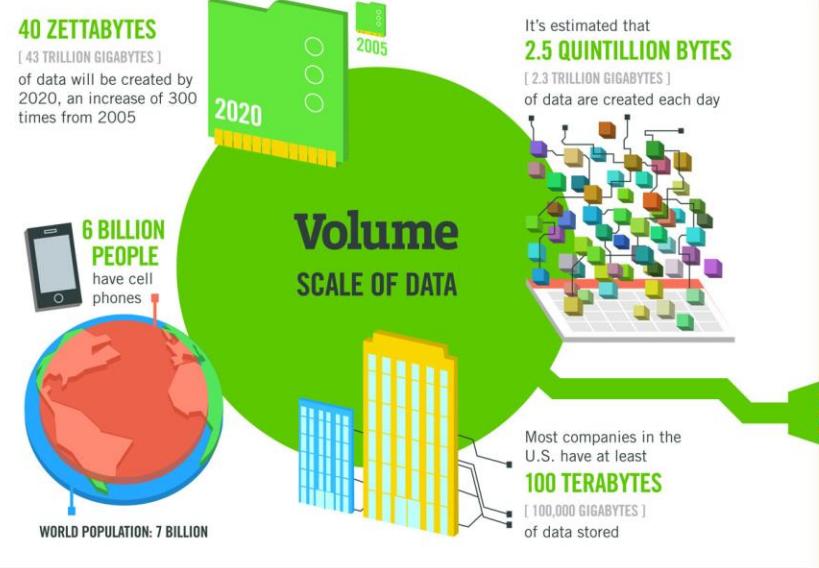
- Big data adalah istilah yang menggambarkan volume besar data – baik terstruktur maupun tidak terstruktur – yang membanjiri bisnis sehari-hari. ([https://www.sas.com/id\\_id/insights/big-data/what-is-big-data.html](https://www.sas.com/id_id/insights/big-data/what-is-big-data.html))
- Simply put, Big Data refers to large data sets that are computationally analysed to reveal patterns and trends relating to a certain aspect of the data. (<https://www.kdnuggets.com/2018/03/5-things-big-data.html>)

# Berbagai Bentuk Big Data

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# Karakteristik Big Data





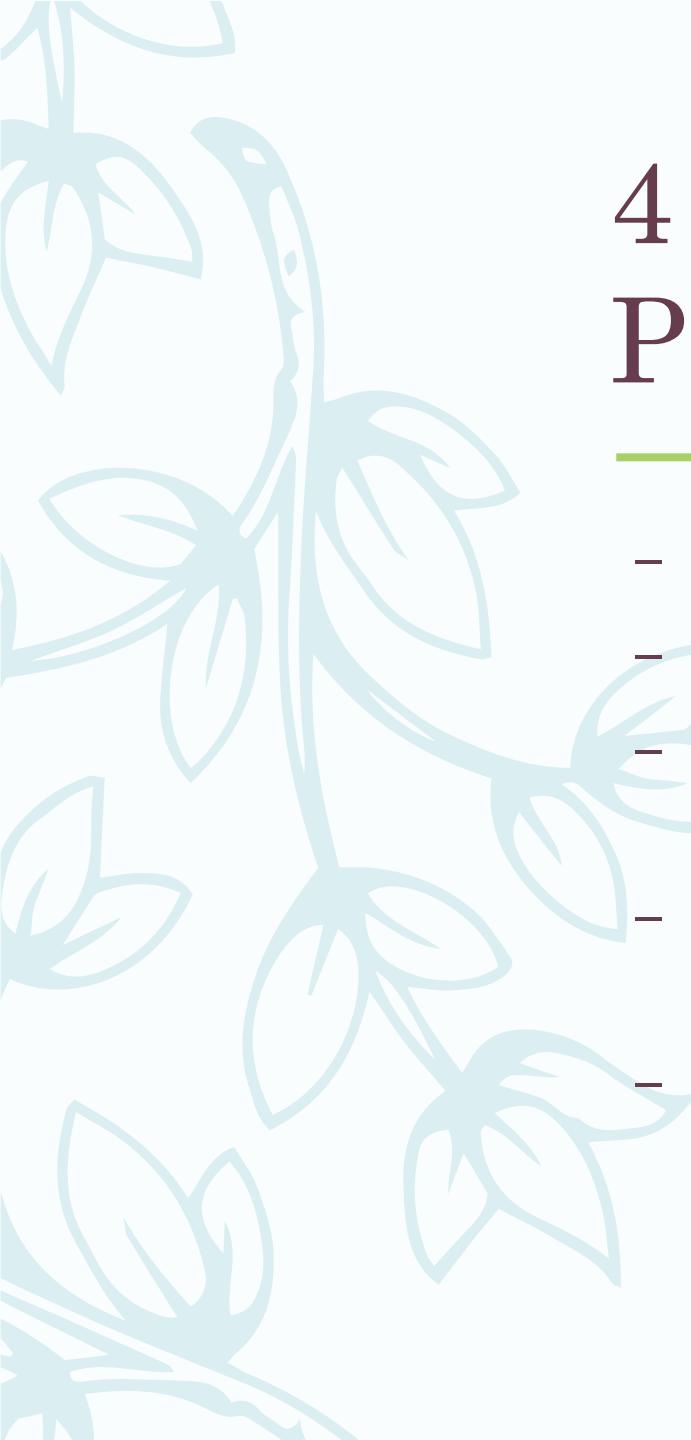
– M Brain



# Mengapa *Big Data* penting?

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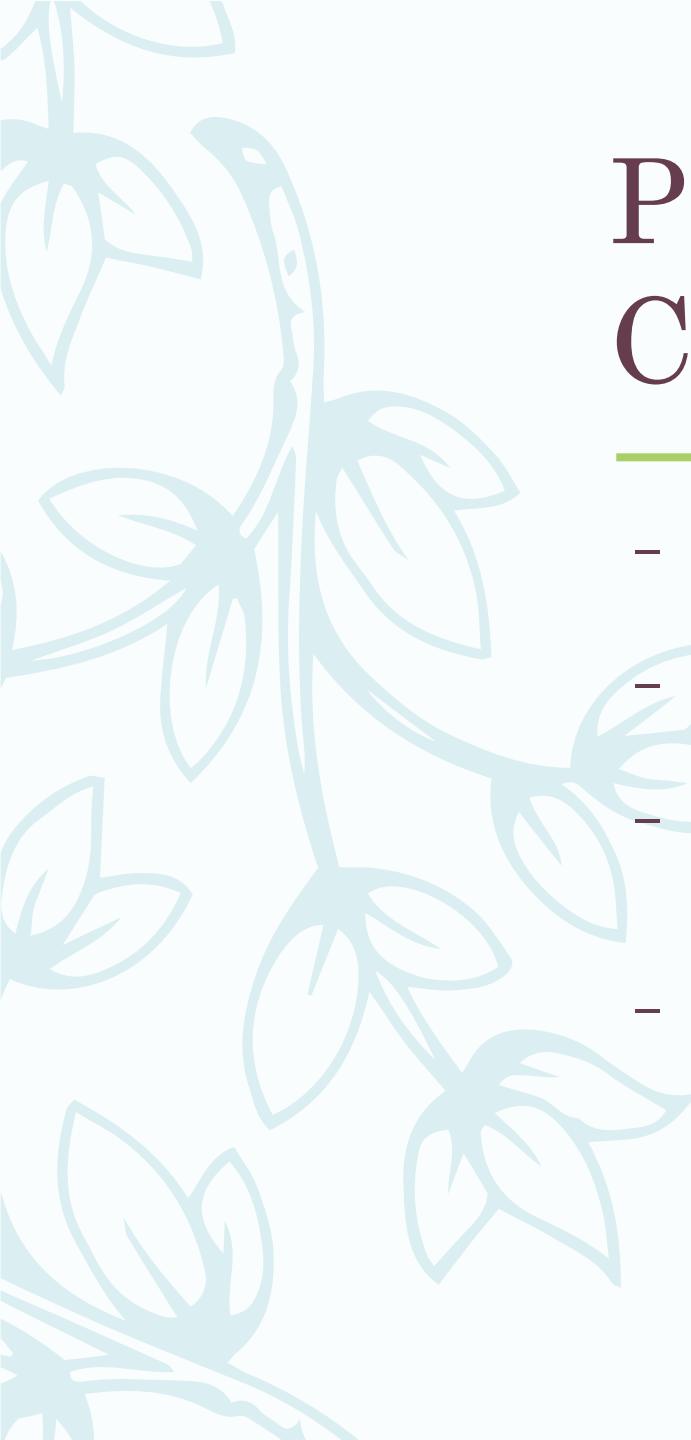
- Organisasi atau lembaga dapat memanfaatkannya diluar apa yang dipikirkan sementara mengambil keputusan
- Meningkatkan layanan kepada pelanggan
- Identifikasi awal resiko produk/layanan, jika ada
- Efisiensi operasional yang lebih baik



# 4 cara meningkatkan Perpustakaan di era Big Data

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- Meningkatkan pengalaman pengguna
- Big Data dapat meningkatkan efisiensi dan memberikan pandangan baru
- Big data dapat mengamankan jaringan dari penyelundupan potensial (potential hacks)
- Meningkatkan kemampuan pustakawan untuk menelusur dan menemukan informasi
- (<https://www.techsoupcanada.ca/en/community/blog/4-ways-libraries-can-improve-with-ai-big-data>)



# Peran pustakawan dalam era COVID-19

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- a) To promote public health awareness by creating and disseminating information relating to preventive measures;
- b) To support research team, researchers and faculty by providing information regarding the latest developments, research and literature;
- c) To meet the core needs of regular library users.  
*(PDF) The COVID-19 (Coronavirus) Pandemic: Reflections on the Roles of Librarians and Information Professionals.*
- Conduct information literacy programs .
- Available from: [https://www.researchgate.net/publication/340466106\\_The\\_COVID-19\\_Coronavirus\\_Pandemic\\_Reflections\\_on\\_the\\_Roles\\_of\\_Librarians\\_and\\_Information\\_Professionals](https://www.researchgate.net/publication/340466106_The_COVID-19_Coronavirus_Pandemic_Reflections_on_the_Roles_of_Librarians_and_Information_Professionals) [accessed May 10 2020].



# promote public health awareness

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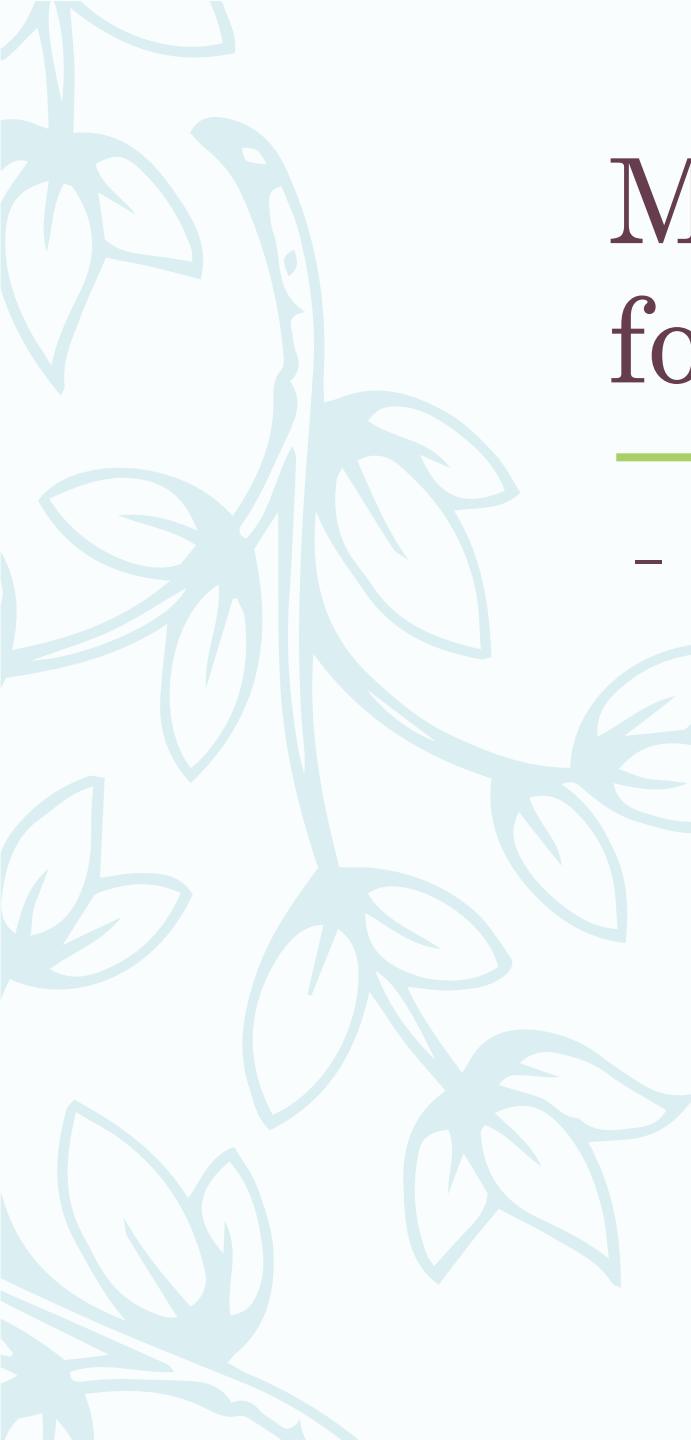
- Importance of Social Distancing
- Possible Implementation of Quarantine Measures
- Advice on How to Avoid Misinformation



# To support research team, Researchers and Academic Faculty

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- Librarians can support medical staff, academics, research teams and para medical staff by drawing attention to the latest developments regarding vaccination, diagnosis kits, and relevant studies published in medical journals. All the well-known databases provide free access to articles relating to COVID-19 (Coronavirus)  
*(PDF) The COVID-19 (Coronavirus) Pandemic: Reflections on the Roles of Librarians and Information Professionals.* Available from:  
[https://www.researchgate.net/publication/340466106\\_The\\_COVID-19\\_Coronavirus\\_Pandemic\\_Reflections\\_on\\_the\\_Roles\\_of\\_Librarians\\_and\\_Information\\_Professionals](https://www.researchgate.net/publication/340466106_The_COVID-19_Coronavirus_Pandemic_Reflections_on_the_Roles_of_Librarians_and_Information_Professionals) [accessed May 10 2020].



# Maintain Core Library Services for Users

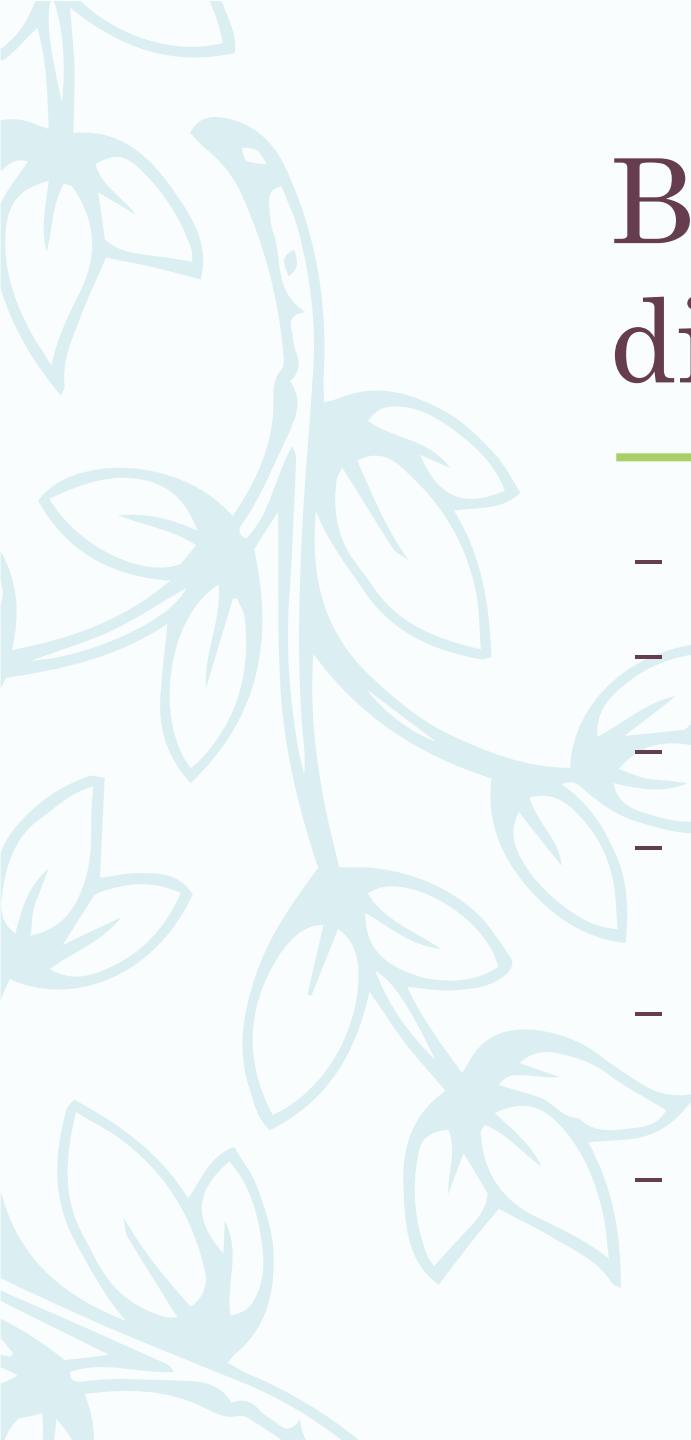
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- To provide virtual support to their users, such as provision of references, document delivery, literature searches, and systematic reviews. Some libraries have initiated online webinar and sessions to keep in touch with their users via Google Classroom, Google Hangouts, Skype, or Zoom.  
*(PDF) The COVID-19 (Coronavirus) Pandemic: Reflections on the Roles of Librarians and Information Professionals.* Available from:  
[https://www.researchgate.net/publication/340466106\\_The\\_COVID-19\\_Coronavirus\\_Pandemic\\_Reflections\\_on\\_the\\_Roles\\_of\\_Librarians\\_and\\_Information\\_Professionals](https://www.researchgate.net/publication/340466106_The_COVID-19_Coronavirus_Pandemic_Reflections_on_the_Roles_of_Librarians_and_Information_Professionals) [accessed May 10 2020].

# Information Service Delivery

- Layanan penyediaan informasi kepada pengguna secara virtual melalui berbagai media seperti email, WhatsApp, instagram, facebook, atau Twitter.
- Melaksanakan webinar terkait pemanfaatan koleksi sumber-sumber informasi yang dapat diakses oleh pengguna Perpustakaan.





# Beberapa contoh yang dikembangkan perpustakan:

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- Virtual exhibition, eg. Bibliothèque nationale de France
- National Library of Spain is [promoting](#) its digital content
- The National Library of Morocco is providing [free eBooks](#),
- Public Library in Aarhus, Denmark, has put its digital content at the front of its [website](#),
- The [Granby library in Quebec, Canada](#) is highlighting content focused on learning new skills
- Building on its SimplyE app, [New York Public Library](#) is running online book clubs

Covid- 19  
is  
A Blessing in Disguise for everyone

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*Thank you*