

A close-up, artistic photograph of a hard drive's internal components. The image shows a polished metal platter on the left, with a central hub and several small screws. To the right, a portion of the actuator arm is visible, featuring a complex mechanical structure with a small, sharp read/write head. The background is a blurred, warm-toned surface, possibly the drive's casing, with diagonal lines. The overall lighting is soft and focused on the metallic surfaces.

Remote Data, Data Storage, & Data Sources

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<https://spark.adobe.com/page/lr2Zk0MqM7Yai/>

The first part of the paper discusses the importance of understanding the cultural context of the research. It highlights the need for researchers to be sensitive to the values and beliefs of the communities they are studying. This is particularly important in the field of health care, where cultural differences can significantly impact patient outcomes. The paper then moves on to discuss the challenges of conducting research in diverse populations. It notes that researchers often face difficulties in recruiting participants and maintaining high response rates. To address these challenges, the paper suggests several strategies, including using community-based approaches and involving local leaders in the research process. The final part of the paper discusses the importance of ethical considerations in research. It emphasizes the need for researchers to obtain informed consent from participants and to ensure that the research is conducted in a fair and equitable manner.

In conclusion, the paper argues that a deep understanding of the cultural context is essential for conducting high-quality research. It calls for researchers to be more culturally sensitive and to use a variety of methods to engage with diverse populations. By doing so, researchers can ensure that their research is both valid and useful to the communities they are studying.

What is Remote Data?

Remote data is data that is access or stored somewhere other than your own database. Whether your accessing data from a database in another state or accessing the data from another country. The database is storing remote data since it is not stored locally on your computer.

Remote Data Example 1

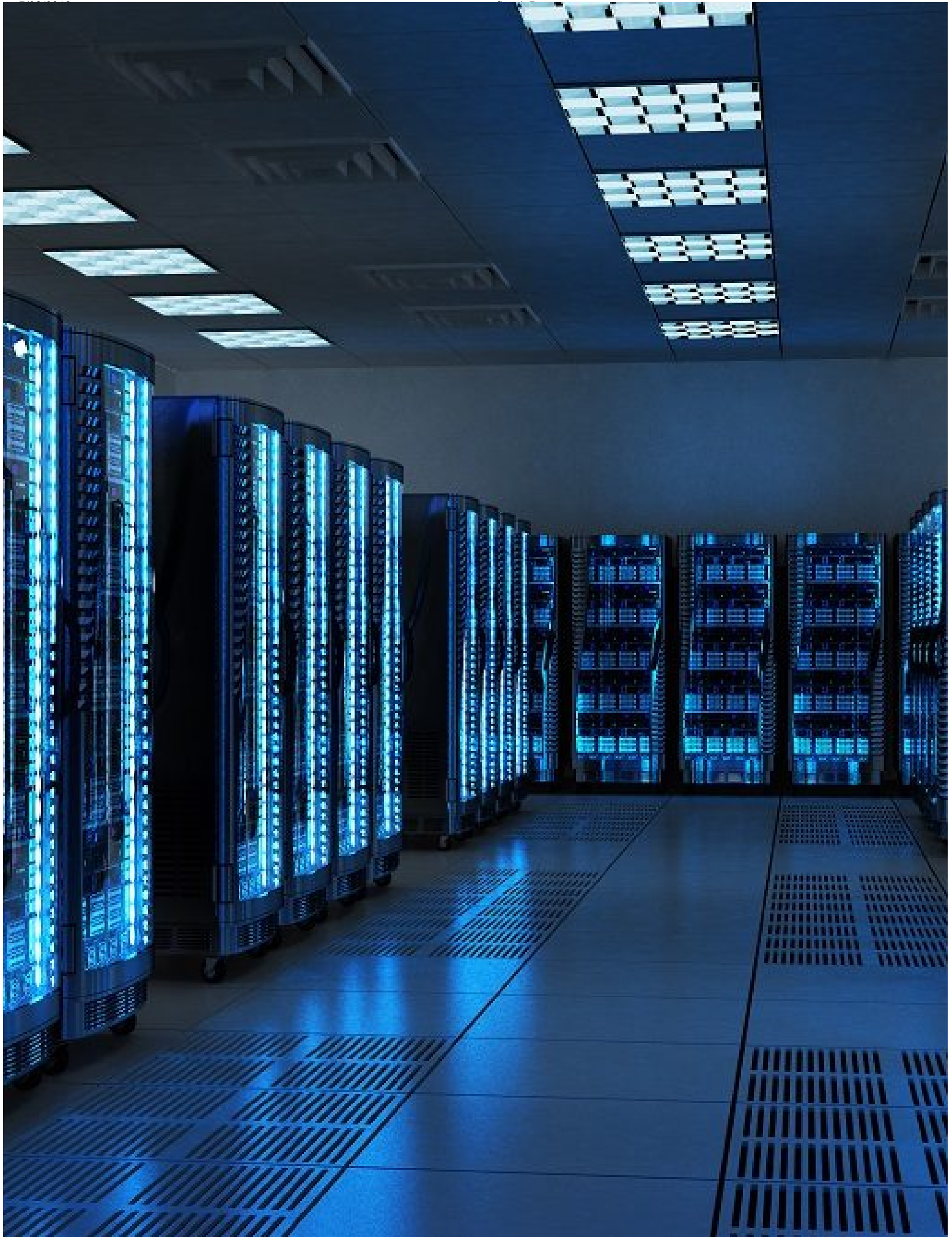
An example of remote data would be information from Google drive. Users can view data remotely through the use of a sharable link. If a folder in a users google drive is public and a link can be created and the data stored in that folder can be accessed remotely.

Remote Data Example 2

A second example of remote data and an application that uses in Facebook and its storage for photos. Facebook stores photos uploaded to its database where we can view these photos or even download them for future use.

Remote Data Example 3

The third example of remote data and an application that uses it is Twitter. Twitter stores its data through the use of an API which can be used to pull queries from twitters database and saved in a JSON format.



What is Data Storage?

Data storage as defined by Techopedia.com is a general term for archiving data in electromagnetic or other forms for use by a computer or device. Some examples of data storage are cache memory, DRAM, CDs, DVDs, USB flash drives and external or internal hard drives.

Data Storage Solution 1

One data storage solution is USB flash drives. Flash drives can be used for many different purposes such as backing up important data and transferring content from one computer to another. An application that can be used with USB flash drives is Outlook. You can back up your emails or calendar event to the USB flash drive and transfer it from one computer to another.

Data Storage Solution 2

A second data storage solution is iCloud. iCloud is Apples own application that Backs up your mobile device and stores it in their online data base. Apple makes syncing new devices seamless by syncing all of your data through the iCloud application. iCloud stores information such as contacts, pictures, messages, events, and more.

Data Storage Solution 3

A third data storage solution is database storage. Items can be stored into databases through the use of JSON files. One example of an application that can store data from JSON files is MongoDB. In MongoDB the user can use commands such as `insert()`, `insertOne()`, or `insertMany()` to insert a JSON file into the database.



BIG DATA

What is a Data Source

Data source as defines by Techopedia.com in the context of computer science and computer applications, is the location where data that is being used comes from. An example of a data source for a program could be a file, a data sheet, a spreadsheet, or hardcoded within the program.

App Feature With Multiple Data Sources

An example that uses multiple databases for its information is LinkedIn. LinkedIn uses Oracle as its RDBMS to manage its user data. the second database LinkedIn uses is Espresso which is LinkedIn's online NoSQL database. Espresso handles member profiles, InMail, and portions of the Homepage. The third Database LinkedIn uses is called Project Voldemort. Project Voldemort is what handles the information for detecting failure and scaling which what vital to LinkedIn due to its increasing in size as it gained popularity.

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