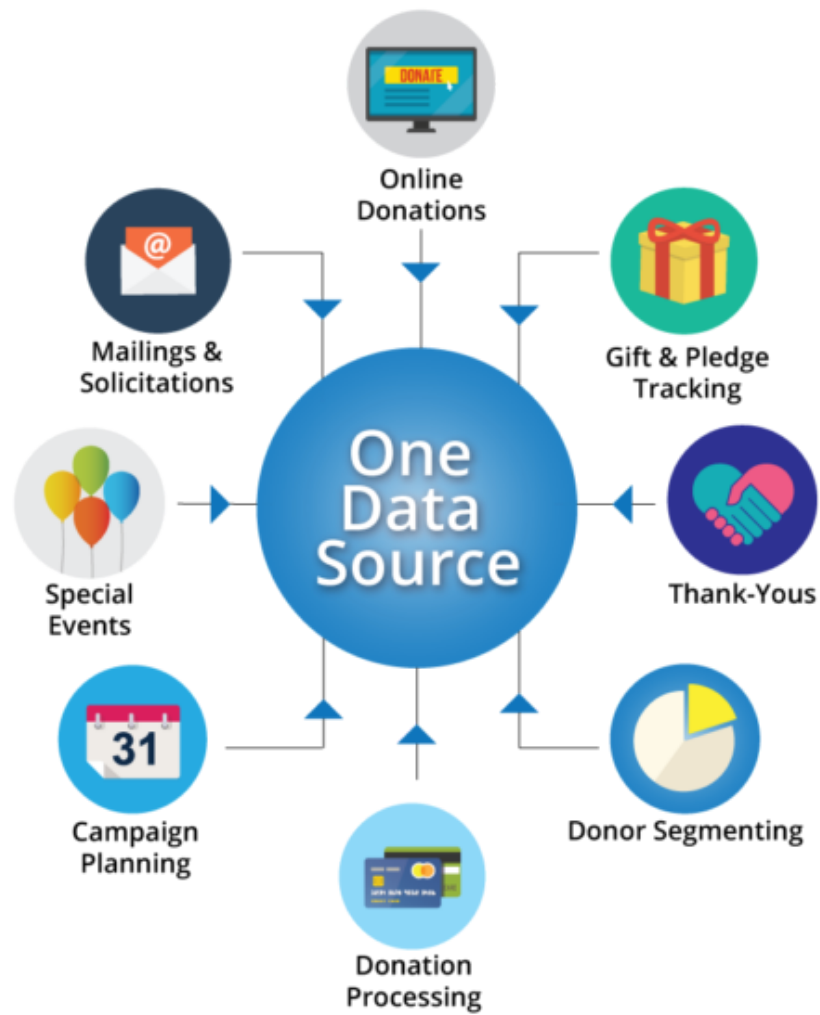# Remote Data, Data Storage, & Data Sources

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What is a Data Source?

A data source is the location where remote data originates from. The data can be a file, a data sheet, a spreadsheet, an XML file or even an image.

Data Source ("Nonprofit CRM Software, Fundraising & Donor Management", 2020)
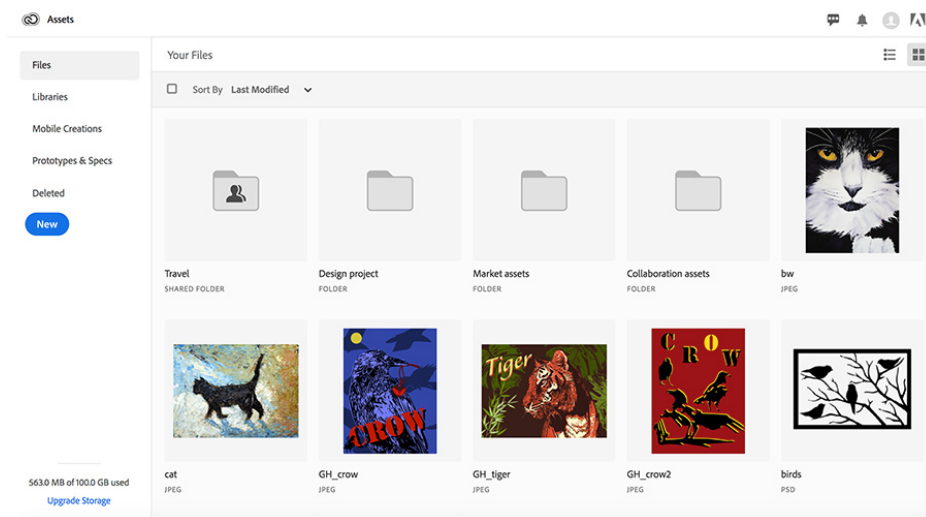
App Feature With Multiple Data Sources.

A feature on Instagram that pulls data from different databases is posting a picture. When a user posts an image Instagram pulls data from the user, the phones time and date, As well as any data on likes and comments left on the post.

("POPUP", 2020)

What is Data Storage?

Data storage is a collective method of retaining data in databases as objects in a central place that can be accessed by all users and applications that will utilize it
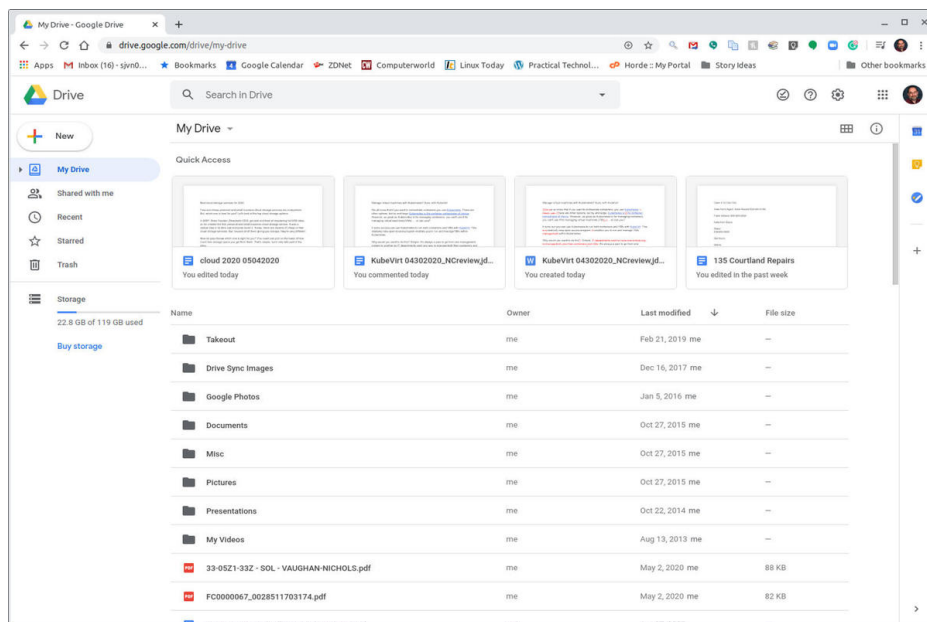
Data Storage Solution 1

Adobe Creative Cloud ("Store and share content with Adobe Creative Cloud Assets", 2020)

Adobe Creative Cloud is a data storage solution for app the Adobe Creative Suite apps such as Photoshop, Illustrator, Spark, etc. All projects are saved locally wherever the user chooses, and they are also saved onto Adobe Cloud Data storage service.
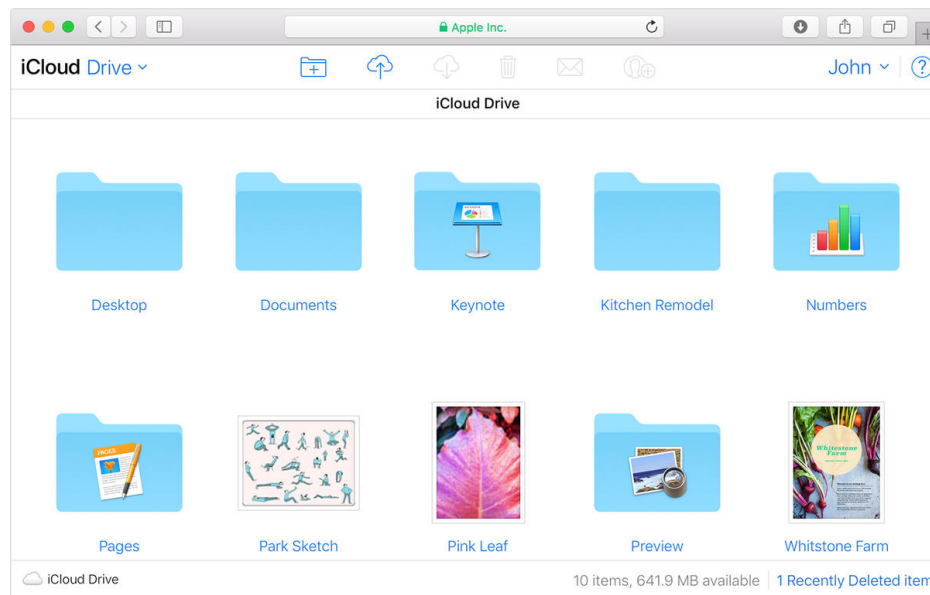
Data Storage Solution 2

Google Drive (Vaughan-Nichols, 2020)

Google Drive is the data storage solution used by Google. The Google Drive not only stores data and objects from Google apps, Remote data such as

videos and images from a phone or computer can be uploaded and stored there as well.

Data Storage Solution 3

iCloud Drive (Vaughan-Nichols, 2020)

Apple uses Files/ iCloud Drive as a Remote Data Storage Solution. Files is a predownloaded app that comes on iPhone which allows the user to remote access documents and data that are saved elsewhere such as on the computer or a different phone.

What is Remote Data

Remote data is the data which can only be accessed by means of a network or database other than the app own database or network.

Examples of remote data in an app would be the Apple Activity ability to send remote data such as sleep time, heartbeat and the mapping of a run to the apps database.

Activity

The Activity app works with Apple Watch to keep track of your activity and workout history. To start using the app on your iPhone, first set up Activity on

Remote Data Example 1

The app uses your heartbeat to distinguish when the user is sleep and collections your motions to record how much the user tossed and turned during the night. This data is then sent to the activity database and it then calculates how long you were asleep and the state of sleep you were in.

Remote Data Example 2

The Activity app also utilizes your heartbeat to distinguish when the user is being active or for how long.

Remote Data Example 3

Activity tracks the user's location and sends the database to map out how long runs were and where the users went on their run.

Apple Watch Activity app ("Activity app not working on new iPhone X", 2020)

References

- Manage Health data on your iPhone, iPod touch, or Apple Watch. Apple Support. (2020). Retrieved 4 July 2020, from https://support.apple.com/en-us/HT204351.

- Activity app not working on new iPhone X. Apple Support Communities. (2020). Retrieved 4 July 2020, from https://discussions.apple.com/thread/8179275.

- McDaniel, S. (2020). What is a Data Source? Definitions and Examples - Talend. Talend Real-Time Open Source Data Integration Software.

Retrieved 4 July 2020, from
https://www.talend.com/resources/data-source/.

- What is Remote Data Storage? | bSimplify.
bSimplify. (2020). Retrieved 4 July 2020, from
https://www.bsimplify.com/what-is-remote-data-
storage/.

- Vaughan-Nichols, S. (2020). Best cloud storage
services in 2020: Google Drive, OneDrive,
Dropbox, and more | ZDNet. ZDNet. Retrieved 4
July 2020, from
https://www.zdnet.com/article/best-cloud-storage-
services/.

- Store and share content with Adobe Creative
Cloud Assets. Helpx.adobe.com. (2020).
Retrieved 4 July 2020, from
https://helpx.adobe.com/creative-cloud/how-
to/assets-get-started.html.

- What is a Data Source? - Definition from
Techopedia. Techopedia.com. (2020). Retrieved
4 July 2020, from
https://www.techopedia.com/definition/30323/data-
source.

- Nonprofit CRM Software, Fundraising & Donor
Management. Fundraising Software for NonProfit
Donor Management by DonorPerfect. (2020).
Retrieved 4 July 2020, from
https://www.donorperfect.com/fundraising-
software/non-profit-crm-software/.

- POPUP. Help.zoho.com. (2020). Retrieved 4 July
2020, from

https://help.zoho.com/portal/en/kb/articles/instagram-
publishing-30-10-2018.