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Neuroimaging Data Primer: A Resource for Curating Digital Imaging and Communications in Medicine (DICOM) and Neuroimaging Informatics Technology Initiative (NIfTI) Files

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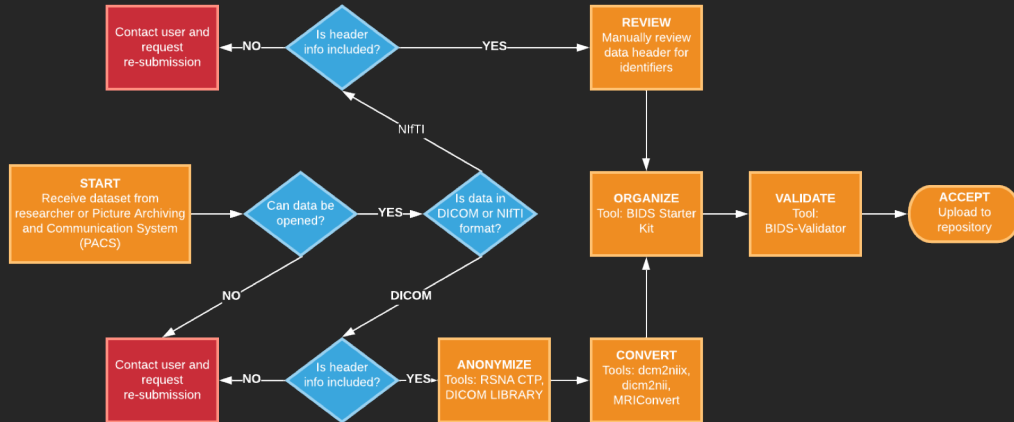
PRIMER FOCUS

fMRI (functional magnetic resonance imaging) data that have been saved in:

- DICOM (Digital Imaging and Communications in Medicine)
- NIfTI (Neuroimaging Informatics Technology Initiative) formats

KEY CURATORIAL QUESTIONS

- Has patient data been removed from the header of a DICOM file?
- For high resolution structural images, have facial features been removed from the images?
- Has "burned-in" text been removed if PHI?
- Are data in raw format? If not, has the researcher provided documentation of processing procedures?

Our peer-reviewed, open-access primer can help data specialists curate neuroimaging files.

Flowchart detailing the curatorial pipeline.

GET THE PRIMER

Freely available and updated at the Data Curation Network's GitHub for data curation primers:

ABOUT THE DATA CURATION NETWORK (DCN)

The Data Curation Network will enable data repositories to better support researchers that are faced with a growing number of requirements to ethically share their research data in ways that make it findable, accessible, interoperable, and reusable (FAIR).

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