

1. RADC Data is collected from 3 Centers - UC, MG and BCK
2. We have avoided using BCK data as it is collected with a 1.5T scanner, while the other 2 locations have a 3T scanner.
3. As RADC is a longitudinal database, each subject has an annual visit. For example, the ID 03368115_03 indicates the 3rd visit of the subject with ID 03368115
4. Each **subject visit** folder contains rfMRI, T1, DWI, bvec and bval files and some tertiary files like localizers.
5. We have the data present in 2 formats - one is in NIfTI format, which was handed over as a hard disk some years ago. Another is the DICOM set, which was recently shared with us. The DICOM set was supposed to be an exhaustive set of all available data to date, including new scans collected after the hard drive was handed over.
6. The NIfTI format will work better for the DTI Pipeline and the DICOM format will work well for fmripreg, so having both is useful. For scans that are only present in DICOM (newer scans), you could use dcm2niix to extract data in the NIfTI format.
7. On checking the overlap of the NIfTI data with the DICOM data, I arrived at the following conclusions:
 1. The UC NIfTI data is a subset of the UC DICOM data and has 55 subject visits.
 2. The extra subject visits which only the UC DICOM data contains are 122 subject visits. Thus, combining both formats, UC Center has a total of 177 (122 + 55) subject visits. However, the only way to check the availability of DWI information in these additional 122 scans is by running it through dcm2niix. I did a spot check for 5 subjects, and all contain DWI information.
 3. The MG data however has the following arrangement:
 1. The overlap of NIfTI and DICOM has 653 subject visits
 2. A total of 21 subject visits are only available in the NIfTI format (this is the only unexpected number, as the NIfTI should ideally have been a subset of the DICOM set)
 3. 212 subject visits are available only in DICOM format. This means a total of 886 (653 + 22 + 212) subject visits.
 4. Thus, adding both UC and MG visits in DICOM and NIfTI formats, we have a **total of 1063 (886 + 177) subject visits.**