Data Management Checklist

What type of data will be produced and about how much?
This determines storage and organization system. If you collect video in terabyte volumes you will need different services than numerical data in megabyte quantities.

Is the data expected to grow and change?
Projecting into the future lets you design a system that is scalable to your needs.

Who and what will the data be used for?
Knowing who will use the data, in both the short-term and long-term, will determine what access or authentication these users will need to the data management system.

Who has ownership of the data? Who is the steward?
Who is responsible for the data and ensuring that it doesn’t become lost or unstable? Who has the authority to make decisions about the data (deletion, moving files, renaming them, etc.)?

How long should the data be kept?
Both institutions and funding agencies may have guidelines, and you might want to keep it for future research questions as well.

What tools/software/information do you need to re-create/visualize/or process the data?
Does your data have all the documentation/metadata required to re-use it? Units, method of creation, operating platform, etc.?

What regulations or policies must the data comply with?
Certain funding agencies and Brown University has guidelines that specify data retention times, sharing, security, and intellectual property rights. If you’re uncertain, contact your E-Science Librarian (Amanda_Rinehart@brown.edu). For storage, backup and archiving help, contact support@ccv.brown.edu.

DATA: BY THE NUMBERS

NUMBER OF YEARS TO GET DATA: 3
YES! FINALLY!

NUMBER OF YEARS TO INTERPRET DATA: 2
what does it all mean?

NUMBER OF YEARS TO WRITE ABOUT DATA: 1.5
bleh bleh bleh...

NUMBER OF SLIDES TO PRESENT DATA: 1
results that's it?

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