Data Management Consultation Report for Professor Chartreuse

This project generates SciSci research data that will be gathered by Professor Chartreuse, distributed to his colleagues for collaborative purposes and to his graduate students at JCU for educational purposes. The data are predominantly from public domain resources and will maintain the licensing of PubMed. The data will require different levels of accessibility due to their sensitive nature. Professor Chartreuse and his colleagues require full access to the data and students should be able to download the data without altering the original dataset. Professor Chartreuse is responsible for data storage and providing access to other parties. The data 20GB previously generated data will be converted from JSON to CSV files, while new data that is produced will be saved as CSV in order to be machine readable. Perl will be used as the programming language, and Professor Chartreuse will be able to extract from the dataset using a graphical user interface. All saved data files will be deposited in cloud storage using Open Science Framework.

Open Science Framework will allow for secure access to the dataset. Professor Chartreuse has the ability to control who has access to the data and can tailor the privacy to his team of collaborators while sharing data with his graduate students. Open Science Framework is open source, free to use, and has version control capabilities which will reduce risk in losing valuable data.