Top 3 Take-Aways for Tyson Barrett

1. There are numerous ways to mess up spreadsheet data and reduce reproducibility. Some general principles for working with data in spreadsheets can drastically reduce errors.
2. If the data will eventually be analyzed in another program (e.g. SPSS, R, SAS), there are important principles regarding data structure that can save time and avoid headaches.
3. A grammar of data is important to be able to communicate with other researchers, statisticians, and data scientists. A foundation developed in data science is presented to help individuals learn to speak the grammar of data.