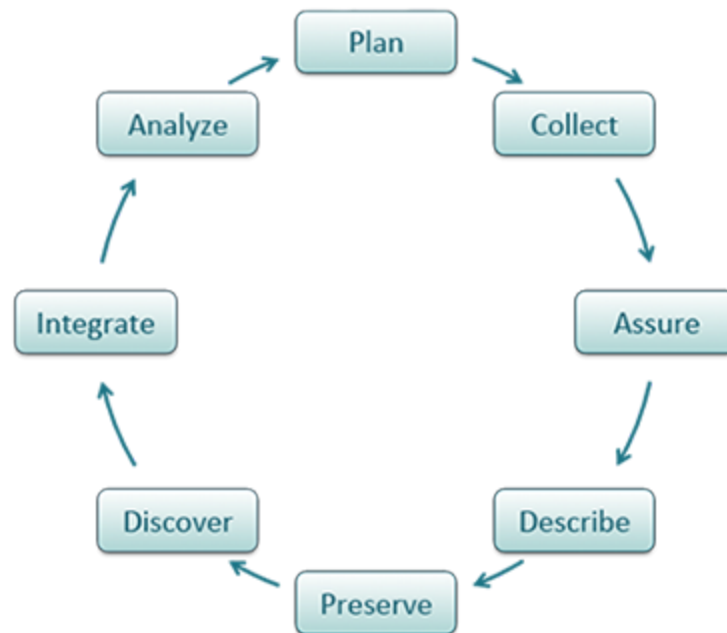


Plan



1. Why is this part of the Data Lifecycle Important to graduate students?
 - a. Planning sets you up for success both in your dissertation and for your future career
 - b. Grad students are time limited so it's really important to plan so you don't run out of time
 - c. You likely won't be at your current institution for very long, so you won't have access to their infrastructure for long
 - d. Documenting necessary info (citations, provenance...) about data as you go and having a conceptual framework in your head and understanding how to take care of them as you move through your project
 - e. Most institutions have data management policies so practice during grad school so you will be successful in your career.
 - f. Grad school is about learning how to plan and execute research, part of that includes data management
 - g. Planning doesn't mean that you know how everything is going to go for your project, but thinking about it so you can adjust quickly is important
 - h. Important note: Your PIs might not have a solid foundation in data management, they might be learning from you.
2. How can this be integrated into Graduate School?
 - a. Make it part of your personal dissertation requirements
 - b. Reach out to student associations and their associated professional associations to spread the word about planning

- c. Make it part of how you "manage up" to your PI/advisor and committee
- d. Unlikely to become part of University curricula (lots of push-back from faculty curriculum committees and graduate programs on adding courses). Best chance is by integrating it into existing courses.
- e. Use librarians as liaisons to the students -
<https://www.mblwhoilibrary.org/services/data-management-resources>

- 3. What are the resources graduate students can use for this part of the Data Lifecycle?
 - a. Use upperclassmen as resources
 - b. Tool: DMPtool.org (US) dmponline (Europe, <https://dmponline.dcc.ac.uk/>)
 - c. https://dataoneorg.github.io/Education/bp_step/plan/
 - d. <https://www.usgs.gov/products/data-and-tools/data-management/planning>
 - e. <https://dmtclearinghouse.esipfed.org/>
 - f. Reach out to professional organizations