

Data Life Cycle Stages

1. Planning
2. Capture
3. Manage
4. Analyze
5. Archive
6. Destroy

Planning

- Decisions are made to determine what kind of data is needed, how it will be managed throughout its life cycle, who will be responsible for it, and the optimal outcomes.

Capture

- Collect data from various sources and brought into the project.
 - There are almost endless ways in which data can be collected in today world.
 - One Common method is getting data from outside collection sources.
 - Another way is to get data from a company's own documents and files, which are usually stored in a database of customer information, ensuring data **Integrity, Credibility, and Privacy** which are all important concerns.

Manage

- How to care for the data that has been collected. This is that step at which decisions are made on how **Data is Stored and the Tools Used to Keep it Safe and Secure, and the actions taken to insure it's properly taken care of..** *This stage is very important to data cleansing*

Analyze

- Phase where data is used to **Solve Problems, Make Decisions, and Support Business Goals**

Archive

- Storing Data in a place where it's still available, but may not be used again.

Destroy

- The last step of the data life cycle.