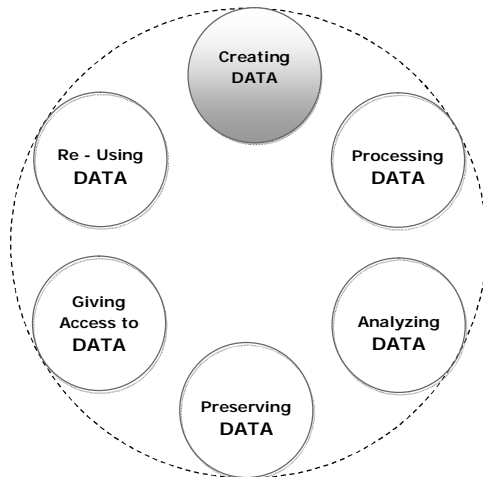


Life Cycle of Data

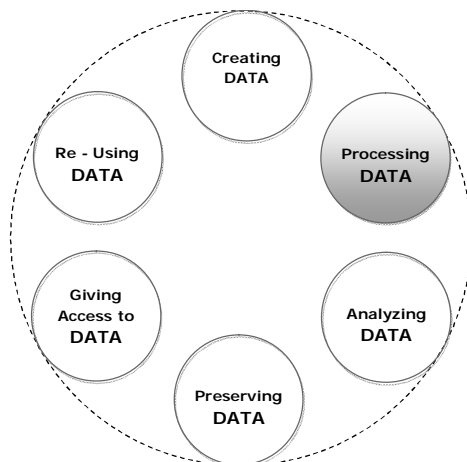
- Life cycle of data contains following steps:

- 1) Creating Data
- 2) Processing Data
- 3) Analyzing Data
- 4) Preserving Data
- 5) Giving Access to Data
- 6) Re – Using Data



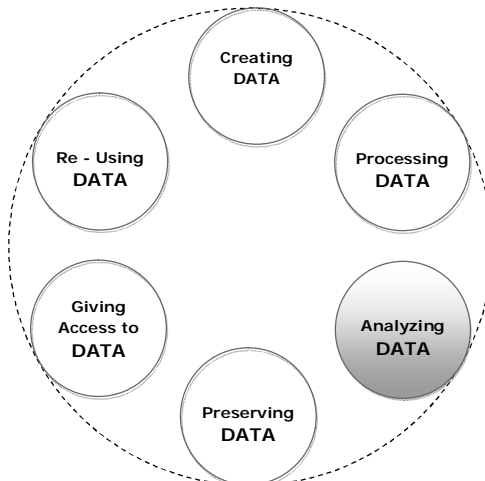
1) CREATING DATA

- Design Research
- Plan Data management (Formats, Storage, etc)
- Plan consent for Sharing
- Locate Existing Data
- Collect data (Experiment, Observe, measure, Simulate)
- Capture and Create metadata



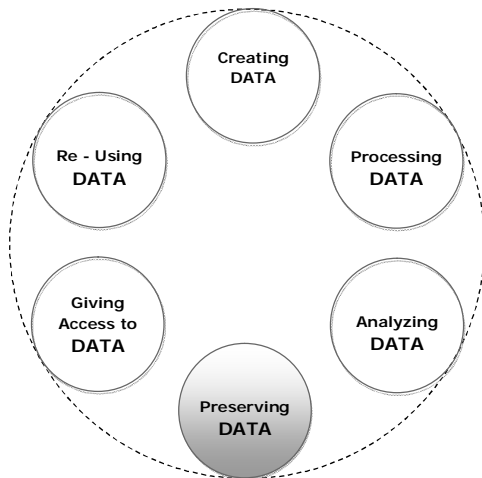
2) PROCESSING DATA

- Enter Data, Digitise, Transcribe, Translate
- Check, Validate, Clean data
- Describe Data
- Manage and Store Data



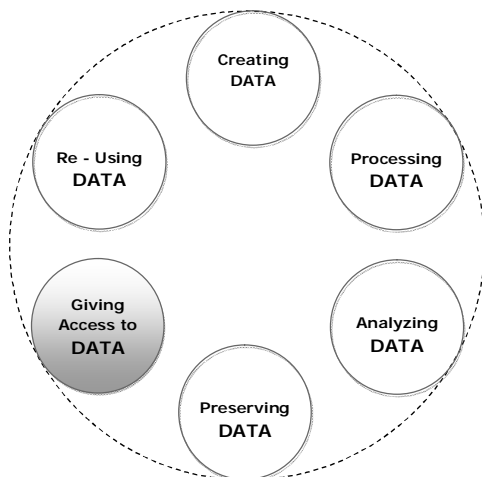
3) ANALYZING DATA

- Interpret Data
- Derive data
- Produce Research Outputs
- Author Publications
- Prepare Data for Preservation



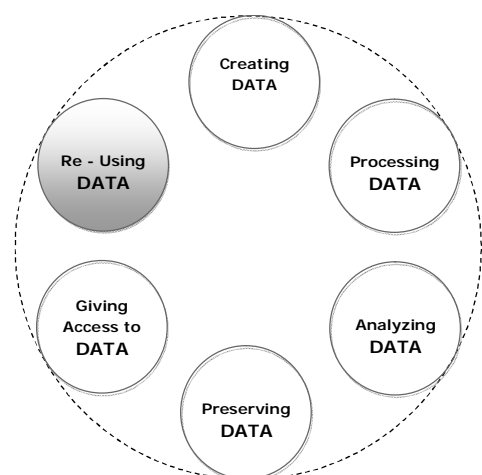
4) PRESERVING DATA

- Migrate data to best format
- Migrate data to suitable medium
- Back – up and Store data
- Create Metadata and Documentation
- Archive Data



5) GIVING ACCESS to DATA

- Distribute Data
- Share Data
- Control Access
- Establish Copyright
- Promote Data



6) RE – USING DATA

- Follow – up Research
- New Research
- Undertake Research Reviews
- Scrutinise Findings
- Teach and Learn