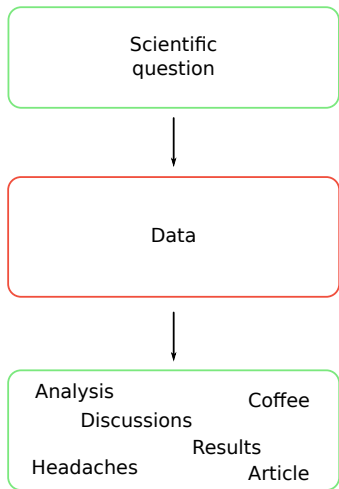


Re: A typical research project



Repetitive (and tedious) tasks!

- **Planning and conduction of observations**
 - Observations already exist?
 - Target/sample available? visible?
- **Gathering ancillary data for the analysis**
 - Complementary information diameter, fall/find, ...
 - Context for research another population
- **Repetitive low-level analysis**
 - Spectral classification
 - Cross-matches & merges

Online resources in a nutshell

- A suite of pages, libraries, and services
 - **Providers:** data archives, catalogs, online codes
 - **Clients:** GUI, CLI, analysis tools
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- It is **not** a master software
- Resources are made **by us**, and **for us**
 - Powerful libraries and tools
 - Good practice to release data/codes Consider CDS at the very least
 - Contribute to open-source projects: `astroquery`, `sbpy`, `rocks`, ...