Day 5 housekeeping

Post-workshop survey

- We are putting together the questions

- **Please fill it out!** Check your email and Whatsapp.

- Two purposes:

  1) To help us improve content for future workshops

  2) To help acquire funding for future workshops
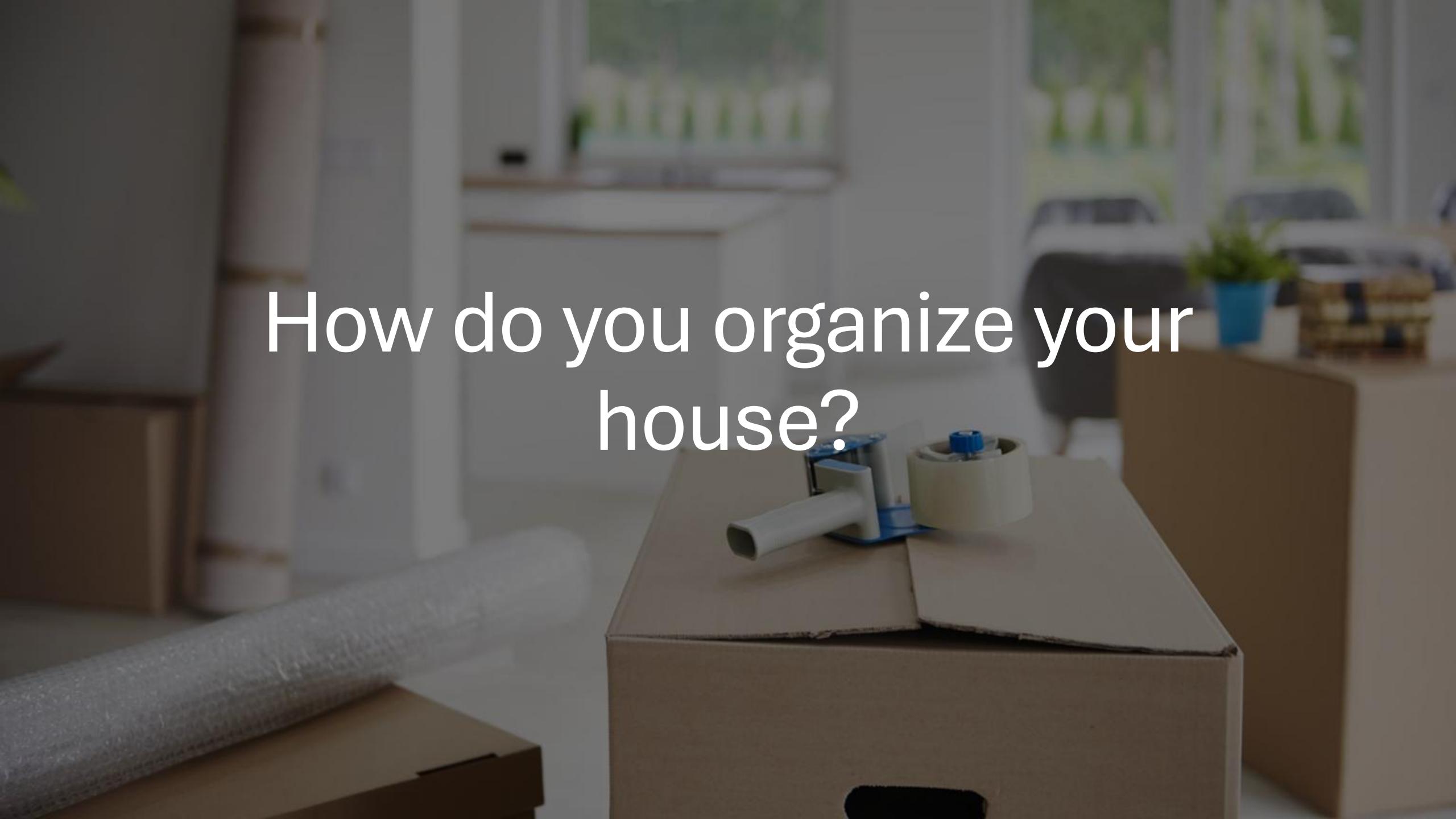
The rest of today:

- Complete your group project analysis and presentations

- Give your group presentations (~15 min per group).

- Evening Banquet with our distinguished guests

Keeping organized
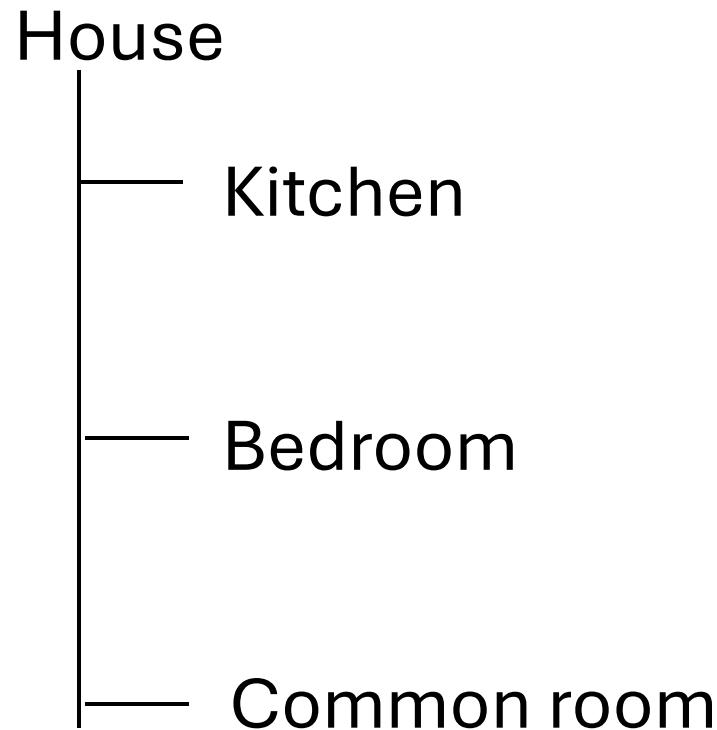
# File organization is a barrier to computational data analysis

- To analyze data in R, you need to tell R where the data "live"

- In a data analysis project, you will use and create many files (including many generated in R).

- Having a system for organizing your files AT THE BEGINNING will make your life easier.
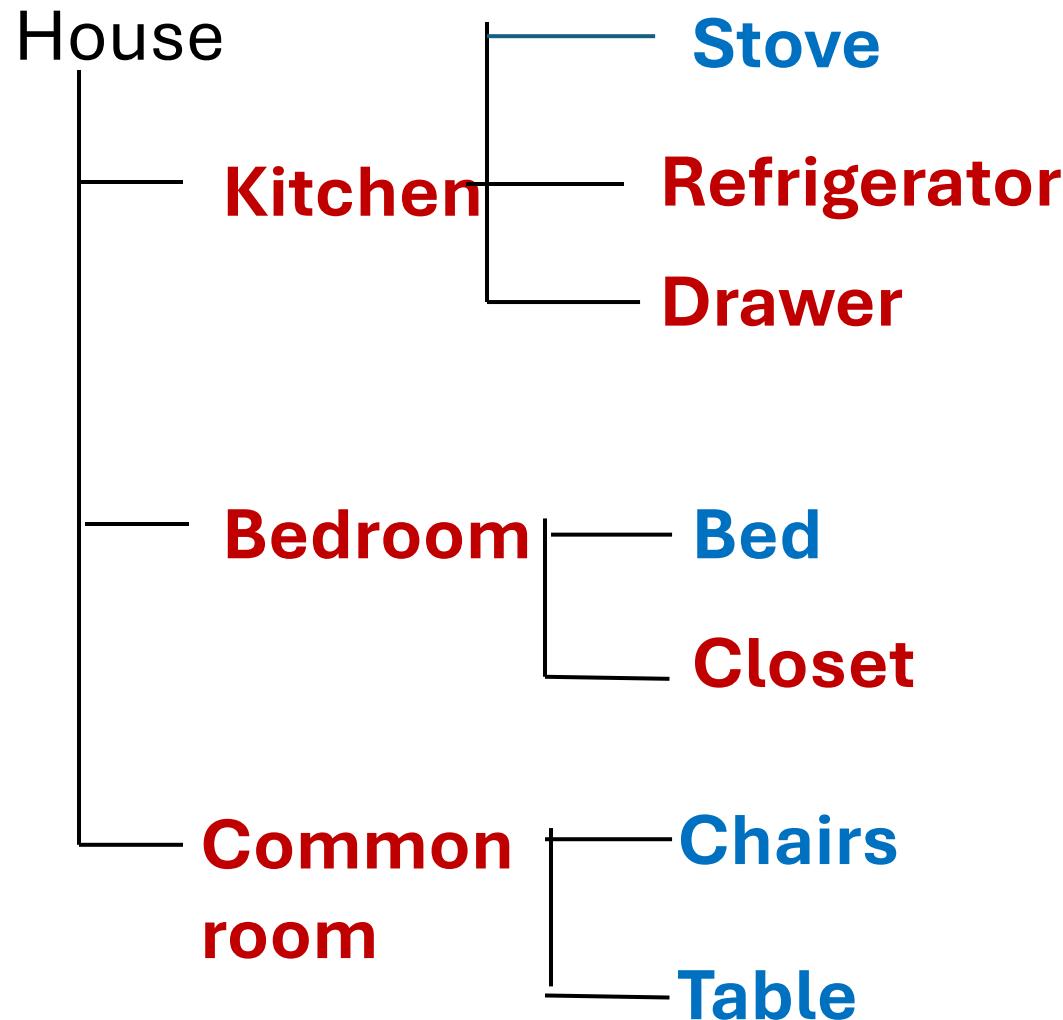
How do you organize your house?
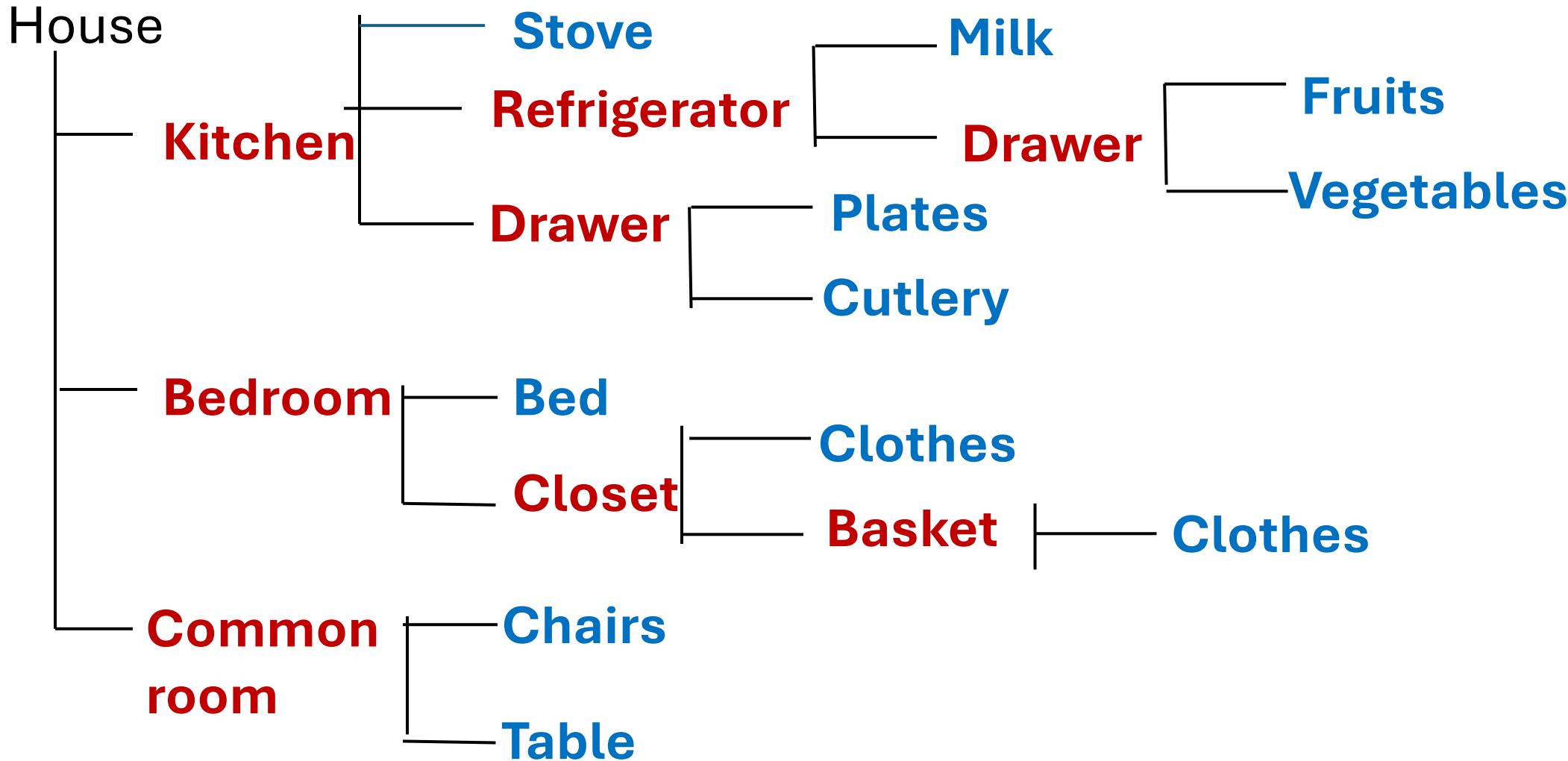
Your house has rooms for different purposes

House

├── Kitchen

├── Bedroom

└── Common room
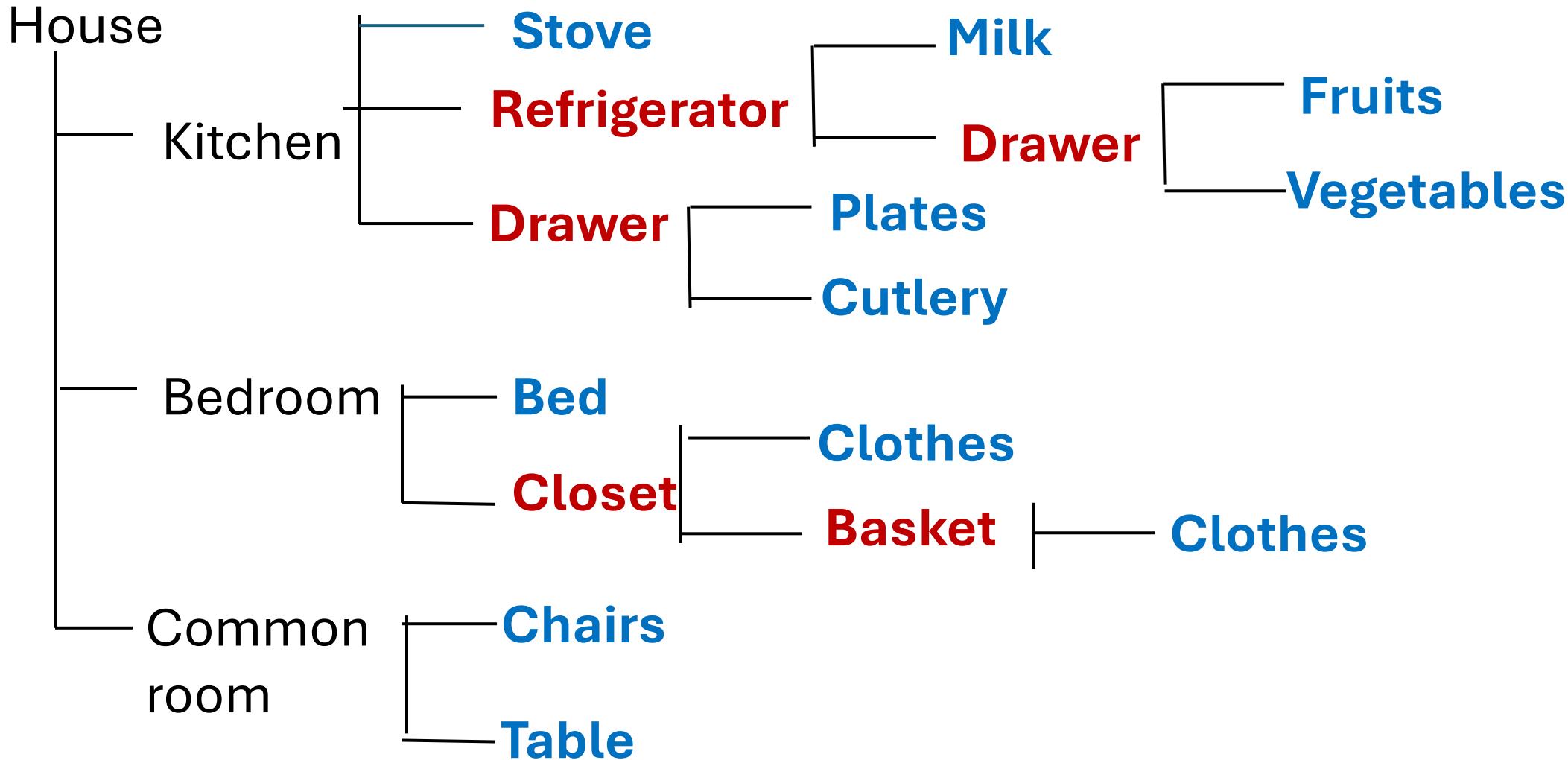
Each room has **objects** and **compartments**

House
- **Kitchen**
  - **Stove**
  - **Refrigerator**
  - **Drawer**
- **Bedroom**
  - **Bed**
  - **Closet**
- **Common room**
  - **Chairs**
  - **Table**

Those compartments have objects and **compartments**

House
- **Kitchen**
  - **Stove**
  - **Refrigerator**
    - **Milk**
    - **Drawer**
      - **Fruits**
      - **Vegetables**
  - **Drawer**
    - **Plates**
    - **Cutlery**
- **Bedroom**
  - **Bed**
  - **Closet**
    - **Clothes**
    - **Basket**
      - **Clothes**
- **Common room**
  - **Chairs**
 - **Table**
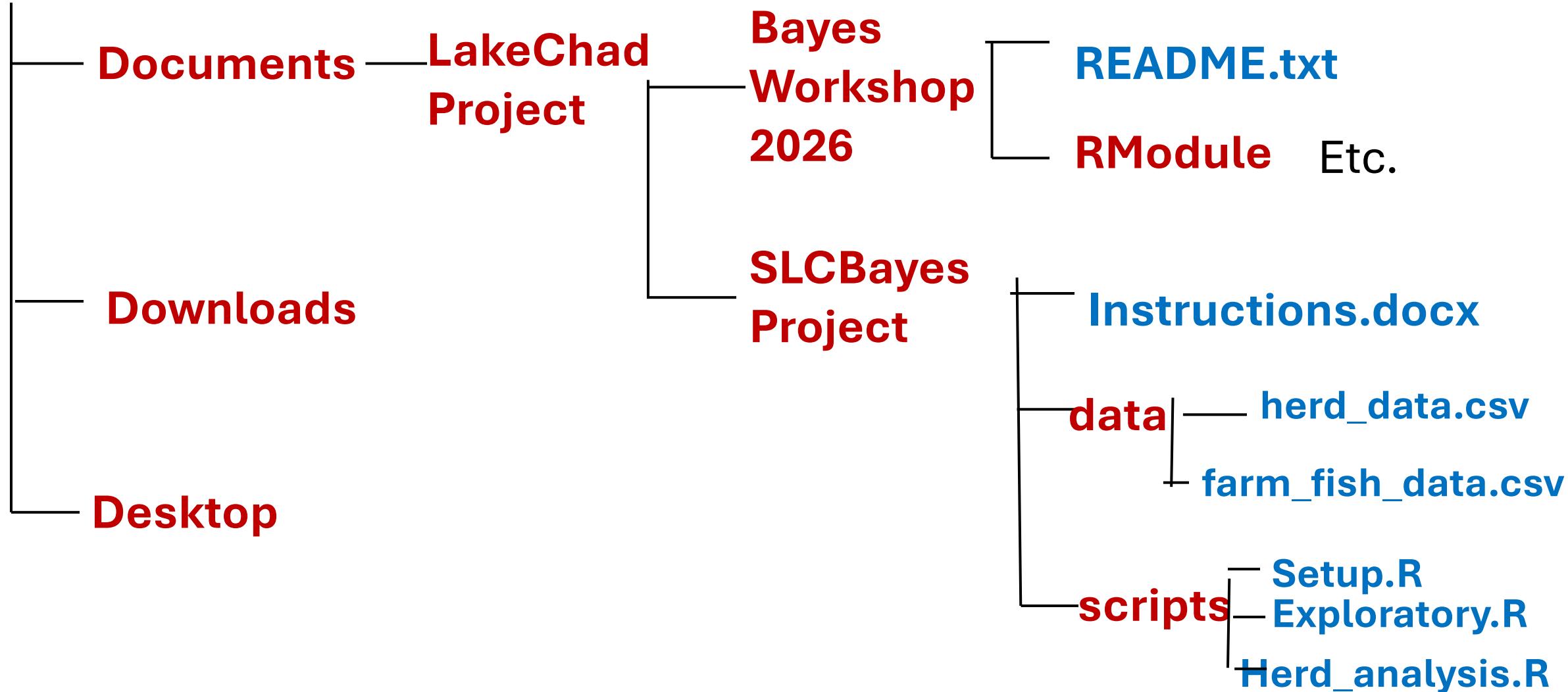
Organize the files in your computer like the objects in your house
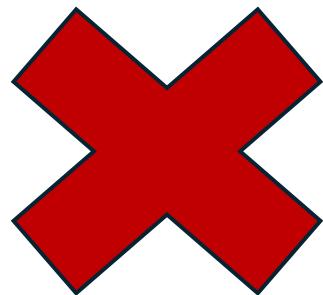
Organize the files in your computer like the objects in your house

Your computer hard drive

- **Documents** — **LakeChad Project**
  - **Bayes Workshop 2026**
    - **README.txt**
    - **RModule** Etc.
  - **SLCBayes Project**
    - **Instructions.docx**
    - **data**
      - **herd_data.csv**
      - **farm_fish_data.csv**
    - **scripts**
      - **Setup.R**
      - **Exploratory.R**
      - **Herd_analysis.R**
- **Downloads**
- **Desktop**

Use informative file and folder names

Analysis.R

❌

SLCherdAnalysisv01.R

👍

Add documentation as you go

SLCBayes Project

Instructions.docx

data — **herd_data.csv**

farm_fish_data.csv

scripts — **Setup.R**

\# This script completes data setup and
#cleaning steps for our analysis of
\# herd data
\# written by Firstname Lastname 2025-01-16.

Exploratory.R

Herd_analysis.R

README.txt

This folder contains group project work for the Bayesian 2026 workshop facilitated by the Sustainability Lake Chad project.