

# Research Methodology in Computer Science

## Protect Data

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December 2021

# What is your data?

Data is important. You have to keep your data safe.

- Manuscript file
- Programming Codes
- Results
- Tables & Figures
- Review comments & Responses

# Manuscript source file

- Word or  $\text{\LaTeX}$ file
- You can revise the file anytime
- You can change the style if being rejected
- Journal may ask you to submit source files

# Programming Codes

- Save all codes and parameters about a research
- Reuse the codes for further researches
- Face the criticism from peer reviews
- Provide evidences that your results is correct

# Results

- Generating results takes much time
- Do not only generate final results
- Row data is useful for further researches

# Tables & Figures

- Generating tables or figures takes much time
- Using script to generating figures is suggested
- Using same style in a paper

# Comments & Responses

- Accept or Reject
- Comments is useful for further submissions
- Response is important for re-evaluate your revised paper

# How to keep the data safe?

- Backup in hard disk if the data is confidential
- Suggest to backup the data in Cloud platform
  - ▶ Data: OneDrive 、 Google Drive 、 Dropbox
  - ▶ Codes: GitHub
- Organized in different directories
- Point of emphasis:
  - ▶ Version Control
  - ▶ Duplicate Backup
  - ▶ Main Repository
  - ▶ Synchronization



# Final Presentation Order

12/30 羅曼、丁陽、羅建昇

01/06 李欣樺、李世邦、夏雪

01/13 張子清、莽悞、劉柔含

01/20 尹喬田

# Final Presentation Order

12/30 陳媿瑜、楊錦程、陳胤嘉

01/06 呂志威、郭雅怡、許睿宸

01/13 劉韋良、莊盛州、賀華立