Restoring Files from Time Machine

Objectives:

At the end of this episode, I will be able to:

1. Access the contents of a Time Machine backup.
2. Restore individual files and folders from Time Machine.
3. Describe the navigation structure of a Time Machine disk.

> Additional resources used during the episode can be obtained using the download link on the overview episode.

- Restoring Files

  - Accidental deletion
  - Rollback modifications
  - Ransomware attack
  - File corruption

- Accessing Time Machine

  1. Navigate to the folder containing the files you want to restore
  2. `Time Machine Status Icon -> Enter Time Machine`
  3. Select the date
  4. Select "Restore"

- Non-destructive Restore

  - Option #1: Instead of selecting restore, two-finger click and select copy.
  - Option #2: Navigate the Time Machine disk

- Time Machine Disk Structure

  - Heavily relies on linking
  - Most files are simply links to their oldest backup
  - Only modifications result in duplication