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① Automatic File Backup using python.

Problem Statement: When a file is deleted, or file gets damaged very difficult to recollect.

Solution: Automatic backup of files. It will help to keep the last dataset worked with.

Objectives: Keep the copy of last accessed dataset. Replace with the original file, when it gets damaged, or deleted.

Working: Using command to copy the original data to a backup file.

- Using a command, copied the dataset from the original file to a backup file.
- Using try, copied the dataset I worked in the original file.
- If the except, if the original file get replaced when necessary.

(2) Automated health checks.

- displayed current memory usage using free -h.
- displayed disk usage using df -h.
- displayed cpu usage using $ top -bn1 | grep "Cpu(s)"
- using >> command, stored the details in a log.
- using ss -t |, to print active network connectio

(3) Automated Log Anomalizer.

- Counted each word by converting into the lower cases.
- Words less than or equal to 2 are considered re
- Taken count of rare word ~~& free~~