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DLI Accelerated Data Science Teaching Kit

# Lecture 23.1 - Git: Overview and Benefits



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# Why Back up Your Code?

- Computer dies, and sometimes at the most inconvenient times (e.g., right before deadline)
- Replacing computer is easy, recreating lost work and data is not.
- Highly recommends git (e.g., GitHub, Bitbucket)
- Git is the most popular version control system in software development (<https://en.wikipedia.org/wiki/Git>)

# Benefits of Git

1. **Backs up** code
2. Provides version control
  - You can **revert to older versions** when needed
3. Supports code **branching** and **collaboration**
  - Easy to collaboratively develop new features before integrating them into a “main” code base
4. Encourages you to write a **README file** (readme.md), shown on your repository’s landing page



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# Thank You