Individual Assignment 1 · Your First GitHub Repository

Why this matters
If you can stand up a clean, clonable repo by yourself, everything else in DS 101 will feel easy.

Objectives

By completing this assignment you will:

1. Practice the full **Change → Stage → Commit → Push** cycle on your own.

2. Confirm your Git installation, global config, and PAT all work.

3. Produce a URL that anyone (including future employers) can visit and clone.

Task Checklist

1. **Sign in to GitHub** with the personal account you created in Part 2.

2. **Create a new repository** named exactly

   `ds101-first-repo`

   - Settings: Public "Add a README" License — none required.

3. **Clone** the repo to your computer (GitHub Desktop, RStudio, or terminal).

4. **Add a file** of your choice, e.g.

   - `hello.md` with a two-sentence greeting **or**

   - `code.R` that prints `"Hello DS 101!"`.

5. **Commit** your changes with a meaningful message (e.g., `Add hello.md`).

6. **Push** to GitHub.

7. **Copy the HTTPS link** (you'll submit this).
   Example:

   `https://github.com/jane-doe/ds101-first-repo`

What to Submit

   - **One URL** to your repo, pasted into the Canvas → Assignment submission box.
     No ZIP uploads, no screenshots.

Grading Rubric (40 pts)

Criterion	Excellent (Full pts)	Points
Link Provided	Valid HTTPS URL pasted; opens in TA's browser.	5
Repository Public	TA can view without extra permissions.	5
Clonable	`git clone <URL>` works without errors.	15
File Present	At least one non-empty file pushed (README counts if edited).	10
Commit Message	Descriptive (not "update" or "asgn1").	5

Total: 40 points
A repo that fails to clone automatically earns **0** on "Clonable" plus deductions on
any other missing criteria.

Tips & Troubleshooting

- **Push vs. Commit** — Commit saves *locally*; Push uploads. Forgetting to push is the
  #1 mistake.
- **Empty repos** won't clone via HTTPS; always click **"Add a README"** when creat-
  ing.
- PAT glitches? Run

  ```
  git config --global credential.helper store
  ```

  then push again and paste your token once.
- Still stuck? Post a screenshot in **#git-help**.

Due Date

Sunday 11:59 PM (Pacific) — the end of Week X.

Late submissions follow the standard course policy (-10 % per day, max 3 days).

Submissions after 3 days will be marked as 0.

Good luck—your first repo is a major milestone!