

## Task 5: Deploy a Static Website Using GitHub Pages

- **Objective:** Host a simple static website on GitHub Pages for free.
- **Tools:** GitHub account, Git CLI or GitHub Desktop, any static website files.
- **Deliverables:** Public GitHub repo with website live on GitHub Pages URL.

### Hints/Mini Guide:

1. Create a GitHub repo named <yourusername>.github.io.
2. Clone repo locally.
3. Copy your static website files (HTML, CSS, JS) into repo folder.
4. Commit and push files to GitHub.
5. Enable GitHub Pages in repo settings (branch: main, root folder).
6. Wait a few minutes and open <https://<yourusername>.github.io> to view site.
7. Update site by pushing new commits.
8. Share URL for portfolio or demo.

**Outcome:** : Understand version control, static hosting, and deployment workflow.

### Interview Questions:

1. What is Git and why use it?
2. How do you push code to GitHub?
3. What is GitHub Pages?
4. Difference between static and dynamic websites?
5. How do you revert commits in Git?
6. What is branching in Git?
7. Explain pull requests.
8. How to resolve merge conflicts?
9. How to host a website for free?
10. What is continuous deployment?

**Key Concepts:** Git, GitHub, GitHub Pages, Version Control, Static Hosting.

### Submit Here:

After completing the task, paste your GitHub repo link and submit it using the link below:

-  [\[Submission Link\]](#).

## 📌 Task Submission Guidelines

- 🕒 **Time Window:**

You can complete the task anytime between 10:00 AM to 10:00 PM on the given day. Submission link closes at 10 :00 PM

- 🔍 **Self-Research Allowed:**

You are free to explore, Google, or refer to tutorials to understand concepts and complete the task effectively.

- 🔧 **Debug Yourself:**

Try to resolve all errors by yourself. This helps you learn problem-solving and ensures you don't face the same issues in future tasks.

- 💰 **No Paid Tools:**

If the task involves any paid software/tools, do not purchase anything. Just learn the process or find free alternatives.

- 📁 **GitHub Submission:**

Create a new GitHub repository for each task.

Add everything you used for the task — code, datasets, screenshots (if any), and a **short README.md** explaining what you did.

- 📁 **Submit Here:**

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Best  
of  
Luck

