**Git Workflow for Making Changes & Pushing to GitHub**

Whenever you want to modify files and push them to GitHub, follow these steps:

# One: Navigate to Your Project Folder

bash

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cd "/Users/andyburnett/Library/Mobile Documents/com~apple~CloudDocs/Desktop/X\_12.18.2024/Education/Graduate/USF Grad/Classes/SP25/ISM6137\_StatsDM/GRP\_Project"

# Two: Check Your Git Status

See which files have changed:

bash

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git status

# Three: Stage Files (Add Them to Git)

For a specific file:

bash

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git add <filename>

Example:

bash

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git add Project\_GRP16.ipynb

To stage **all modified files**:

bash

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git add .

# Four: Commit the Changes

Write a commit message describing what you changed:

bash

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git commit -m "Your commit message here"

Example:

bash

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git commit -m "Updated Jupyter Notebook with new ML models"

# Five: Push Changes to GitHub

Send your changes to the remote repository:

bash

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git push origin main

# Six: Verify on GitHub

Go to your repo:  
🔗 [**GitHub Repo**](https://github.com/burnett013/ISM6137_GRP_Project)  
Check if your changes are there.

# Additional Commands

**Rename a File in Git**

If you accidentally create a file with the wrong name:

bash

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mv old\_filename new\_filename

git add new\_filename

git commit -m "Renamed file from old\_filename to new\_filename"

git push origin main

**Pull the Latest Changes from GitHub**

If other team members have pushed changes, update your local repository before making new commits:

bash

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git pull origin main

**Check Your Git Remote**

To verify you're connected to the correct GitHub repository:

bash

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git remote -v

Expected output:

scss

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origin git@github.com:burnett013/ISM6137\_GRP\_Project.git (fetch)

origin git@github.com:burnett013/ISM6137\_GRP\_Project.git (push)

# Summary of Common Git Commands

| **Action** | **Command** |
| --- | --- |
| **Check Git status** | git status |
| **Stage a specific file** | git add <filename> |
| **Stage all files** | git add . |
| **Commit changes** | git commit -m "message" |
| **Push to GitHub** | git push origin main |
| **Pull latest changes** | git pull origin main |
| **Check remote repo** | git remote -v |
| **Rename a file** | mv old\_filename new\_filename |