

## Lab#2 (Git, GitHub, GitLab)

8 points

**Due Date: 13 June 2022**

### Instructions:

You have learned about git, GitHub and GitLab. In this lab, you will have hands-on experience by installing and using them in your machine.

Please take **necessary screenshot** of all the git commands and its execution at each of the steps below.

Step 1: Install git in your local machine

Step 2: Create user accounts in both GitHub and GitLab

Step 3: Review GitHub and GitLab. Select your remote host (GitHub or GitLab or any new one) and justify your selection.

Step 4: Build a Logistic Regression ML model for Breast Cancer Wisconsin (Diagnostic) Data set in jupyter notebook.

Step 5: Provide screenshot of all your git commands and your command prompt showing success of commit of your model files in the remote host.

Step 6: Create a branch in your repo and upload another ML model of your choice for the same dataset into that branch.

Step 7: Navigate to your newly created branch and provide screenshot showing status of your repo.

Step 8: Provide a screenshot showing your log of activities and perform your final commit.

Step 9: Merge the newly created branch with the master branch.

Step 10: Provide a description of your program in the README.md file.

Step 11: Make your repo public and share the link of your repo for check.

Step 12: Open an Issue and assign it to yourself. Fix the issue and close it.

### Rubrics

All the above-mentioned steps are completed and all necessary **screenshots are provided.**

How well the GitHub repository is maintained.

Can I see two branches (master, newly created) in the GitHub repo?

Can I clone your remote repo and easily retrain the models?

### **Academic Integrity and Late submission:**

Assignments are due by the due date announced in class and posted on DC Connect. At his or her own discretion, and depending on the nature of the assignment, each professor will provide a facility for the submission of late assignments up to a maximum of 72 hours after the assignment due date. All allowed late submissions will be assessed a penalty of 25% of the total possible grade for the assignment. Assignments should be submitted on time, on a regular basis, to enable you to stay on track within the class.

Any violation of academic integrity will not be accepted and will be given a grade of zero (0). Please watch this video on academic integrity. [https://www.youtube.com/watch?v=BnEw72e\\_YYo&feature=youtu.be](https://www.youtube.com/watch?v=BnEw72e_YYo&feature=youtu.be)

### **Submission Format:**

1. A single word document including the screenshots of the above steps.
2. The URL to your remote repo.

**Note: The total points for this Lab is 8 because the two points comes from the git/GitHub activity done in the class on 1<sup>st</sup> June.**