VCS - version control system

Git & GitHub are not the same

Git is distributed VCS – DVCA

Repo - git repository

Git uses snapshots, not differences

Git stages:

1. Committed - data is safely stored locally
2. Modified - file has been altered from the last committed version, not yet committed
3. Staged - ready to be committed to local

Untracked – refers to newly added file

CMD COMMANDS

pwd - print working directory

cd - change directory

dir - list files

copy con

mkdir - create new folder

Graphical git interface: <https://git-scm.com/downloads/guis>

Download Git- <https://scm.com/download/win>

GIT COMMANDS

man git - full manual

git help - help on core commands

git init - to set dir as Git dir, need to be in desired directory

cd .git - to get to config files

.git contains git metadata

GITHUB

GitHub - web-based git repository hosting service

To create GitHub account --> go to [https://GitHub.com](https://github.com/)

Connect To Git Repo - git remote add origin URL-of-git-rep

git remote add origin <https://github.com/SvetaSy/PluralSightTraining.git>

Push Changes To Git - git push -u origin master

MY GitHub

username: SvetaSy

email: [svetlanathebrain@gmail.com](mailto:svetlanathebrain@gmail.com)

pwd: SchastlivyeVseMarBdayMyBdayIreneBday

Repository name: PluralSightTraining

git project URL on GitHub: <https://github.com/SvetaSy/PluralSightTraining.git>

* Use git init to set directory as git repository
* Use git remote add origin URL-of-git-rep to connect to git distributed DB

Example: git remote add origin <https://git.bnymellon.net/omx-99/tiqigc.api/tree/v1>