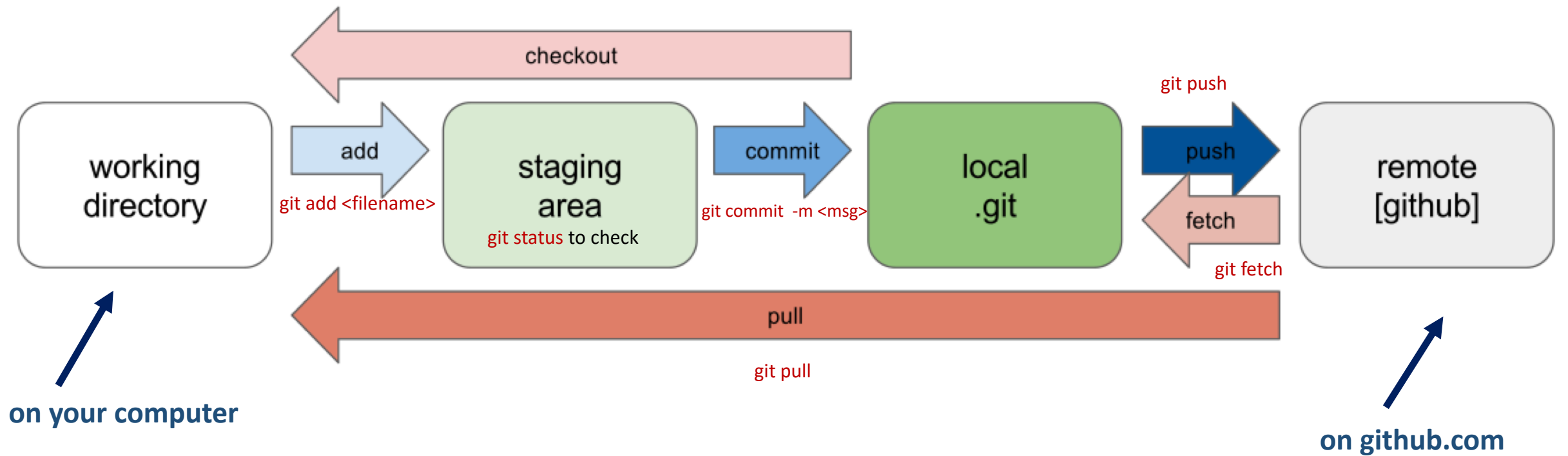


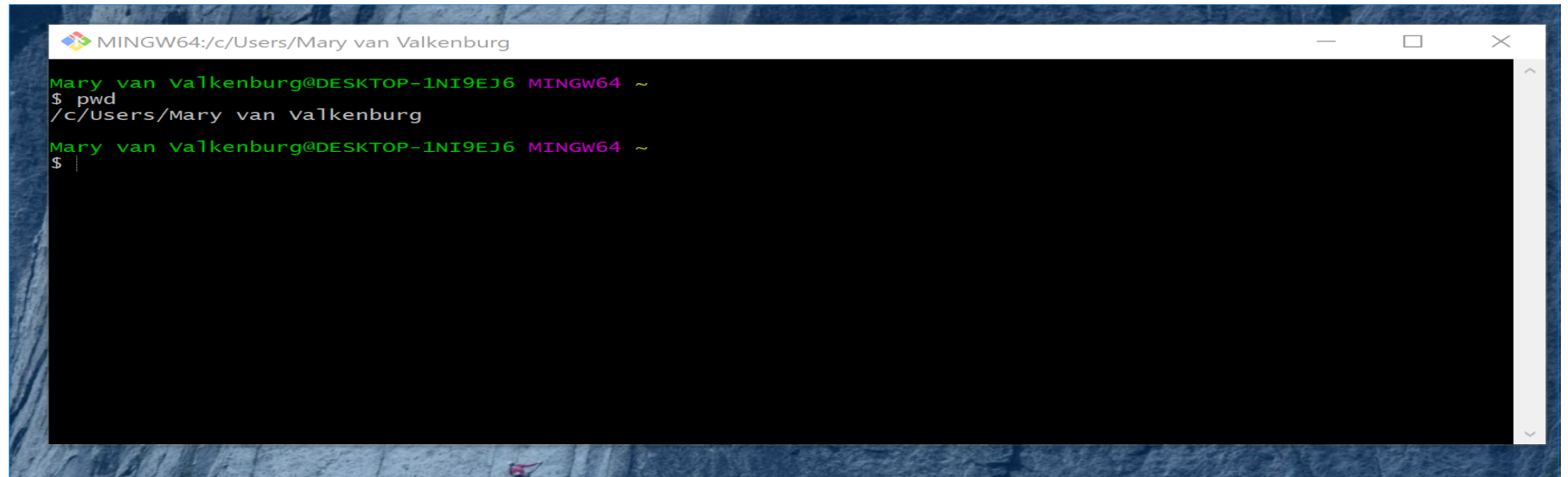


# git and GitHub



*(should already be done)*

- Install git (<https://git-scm.com/downloads>)
- Create an account at <https://github.com/>
- Since we will be working in Windows for our Excel projects, everyone will need to clone their assignment repositories to their Windows machine
- On Windows:
  - Open Git Bash:

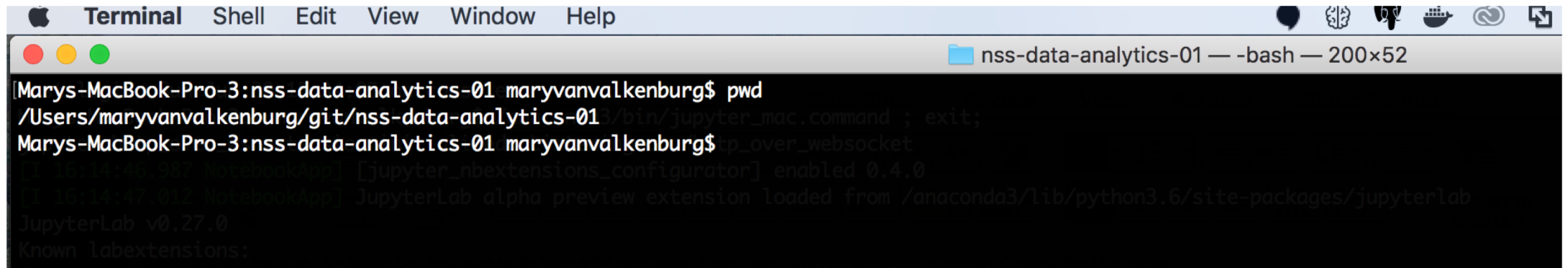
A screenshot of a Git Bash terminal window. The title bar shows 'MINGW64:/c/Users/Mary van Valkenburg'. The terminal content shows the user 'Mary van Valkenburg@DESKTOP-1NI9EJ6' in a 'MINGW64' shell at the '~' directory. The command 'pwd' has been entered, and the output is '/c/Users/Mary van Valkenburg'. The prompt '\$' is visible on the next line.

```
MINGW64:/c/Users/Mary van Valkenburg
Mary van Valkenburg@DESKTOP-1NI9EJ6 MINGW64 ~
$ pwd
/c/Users/Mary van Valkenburg
Mary van Valkenburg@DESKTOP-1NI9EJ6 MINGW64 ~
$ |
```

If Git Bash didn't install automatically with git, you can get it here: <https://gitforwindows.org/>

## *For Mac/Linux users for later*

- When working on Mac:
  - Open Terminal



```
Terminal  Shell  Edit  View  Window  Help
nss-data-analytics-01 — -bash — 200x52
[Marys-MacBook-Pro-3:nss-data-analytics-01 maryvanvalkenburg$ pwd
/Users/maryvanvalkenburg/git/nss-data-analytics-01
Marys-MacBook-Pro-3:nss-data-analytics-01 maryvanvalkenburg$
[I 16:14:46.967 NotebookApp] [jupyter_nbextensions_configurator] enabled 0.4.0
[I 16:14:47.012 NotebookApp] JupyterLab alpha preview extension loaded from /anaconda3/lib/python3.6/site-packages/jupyterlab
JupyterLab v0.27.0
Known labextensions:
```

- Find your working directory with this command: **pwd**
  - These are other helpful shell commands for navigating through your directories:
    - **ls** lists the contents of the current directory
    - **cd <directory name>** changes the directory to the one specified
    - **cd ..** Takes you up one level in the directory structure
- Navigate to where you want to create our local git repositories and make your directory and create a directory called git: with **mkdir git**
- Change to the new git directory with **cd git**
- Make a directory called nss-data-analytics (or similar) with **mkdir <new folder name>**
- Change to the directory with **cd <new folder name>**

Go to **your assignment repository**

Clone **your remote repository** to create a **local repo**

copy clone url from github.com

**git clone <url to repository that you copied>**

Clone or download ▾