**Self-learning git** (4-8 hours)

The next topic you will self-learn is git. The video explains about git and demonstrates its usage.

[Learn Git In 15 Minutes](https://www.youtube.com/watch?v=USjZcfj8yxE)

A picture containing diagram

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After watching the video, its time for a first practice -

* Create a git repository using this link below –
  + <https://classroom.github.com/a/r8nAKiKX>
* Init the repository following the instructions that appear in the empty repo.
* Create three different branches, each one of them containing a readme.txt file with a different text in there
* Create a pull request between one of the branches and main, and add the user “excellenteam.scaleup” as a reviewer.
* Add a link to the pull request in moodle
* Merge the other two branches to main, without a pull request, and resolve the conflicts that arise.
* After your done, read about .gitignore and look at a python .gitignore file.
* <https://git-scm.com/docs/gitignore>
* <https://github.com/github/gitignore/blob/main/Python.gitignore>

*Optional*

After your done with this basic exercise, finish the in-depth git tutorial using this link.

<https://learngitbranching.js.org/>

You don’t have to hand it in, but it will take you git skills to another level, which will be required for the next stages of this course.