1. **Version control adds additional steps like creating a repo, commit, etc., and it slows me down from completing my work. Is that overhead worthwhile?**
2. Yeah, it is worthwhile. While doing your work, the same work can be edited or viewed by others, which causes ambiguious data. But using Version control, you will get to know who changed your code and where exactly the code is changed. It contains versions of your code, which is really helpful for easy undo and editing.
3. **What is a good logical way to structure the commits when creating web pages?**
4. Here, we can make use of commit messages. We can write clearly where we changed the content. In webpages, you can write the tag name in the commit message, which is a logical way to structure the git commits. If we have multiple tags, we can make use of the webpage name and time of edit to know the recent change.
5. **Is it good to include assets like images and videos in the git repo or is it better to keep them outside the repo? What if there are videos on the web page? How do we ignore them from staging and committing to the repo?**
6. If the media files change according to the work, then they have to be in the repo or else then can be kept outside the repo. That's why, when you create a new repository, we can create a .gitignore file with all the file patterns you want to ignore.
7. **It looks like staging is not required before making a commits to the repository. Do you agree?**
8. No, staging is important, because when we made some changes and we want them to save them, we need to stage those changes. After staging those changes, if you do other changes and don’t want these changes to commit to the repo, we can revert back and make sure the recent changes are only updated.
9. **Imagine a scenario where the old project files, that are previously in the version history, are deleted from the project folder and commits are done to the same repo. Will we lose the old files forever? How does this work?**
10. Even if we lose the project files in the repo, we can get them back from the local repository. The remote repositories always contain all the versions so checking the version which is deleted, and retrieving from remote repository is also an option.
11. **I’m working on a data science project with the Google collab. Collab already maintains version control. How is this different from using git? Which one is better? Is it possible to maintain collab files on git?**
12. Collab already uses git under the hood. It is very flexible compared to git. Google collab has better options than git. Yes it possible to main collab files on git or you can store them on google drive too.