What is git? Why is it useful? What is the git workflow?

“Git” is the most popular used version control system in the world. A version control system is a repository for code. Git, is a distributed version control system, meaning that you wouldn’t need a server to be online for it to work. It can connect locally between users. Git allows users to work on the same project at the same time, make their own changes to that project, which in turn creates branches of that project, and could “merge” those projects into one “master” branch. It also tracks the changes that were made whether things are removed or added. These special functions are what makes Git useful. Git workflow is a guideline for how to use Git in an organized manner to promote optimal production and consistency. As said above, a project would have a main branch where different users start from to make their changes to a code. As they make changes, a branch is formed, and a history of the change is created. When the users agree on the changes made, the branches then come together back to the main branch.

What data types do we have access to in Javascript? What makes them each unique? What values can they hold?

                The data types that are in Javascript are defined as primitive values and objects. Primitive values are immutable, meaning that they can not be changed. It allows users to track changes that are made when change is needed. These types are Booleans (represents a true or false logic), Null type (its only value is Null, it gives value to “nothing”), Undefined (where a variable that has not been assigned a value), Number(numerical value), BigInt(a number that is valued more than the exceeded limit within Javascript), Strings (represented between two quotation marks, its value is textual data), Symbol(unique value that is used to prevent name confliction). Objects are values in code and is referenced by an identifier.

<https://developer.mozilla.org/en-US/docs/Web/JavaScript/Data_structures>

<https://www.atlassian.com/git/tutorials/what-is-git>

<https://www.atlassian.com/git/tutorials/comparing-workflows#:~:text=A%20Git%20workflow%20is%20a,in%20how%20users%20manage%20changes>.

[Git - What is Git? (git-scm.com)](https://git-scm.com/book/en/v2/Getting-Started-What-is-Git%3F)