**Azure Data protection and management:**

* With state-of-the-art encryption, Microsoft protects your data both at rest and in transit.
* Our encryption protocols erect barriers against unauthorized access to the data, including two or more independent encryption layers to protect against compromises of any one layer.

**Centralized Control Version System (CVCS):**

* In CVCS, the central server stores all the data. This central server enables team collaboration.
* It just contains a single repository, and each user gets their working copy.

**Distributed Control Version System (DVCS):**

* In DVCS, there is no need to store the entire data on our local repository. Instead, we can have a clone of the remote repository to the local.
* We can also have a full snapshot of the project history.
* **Push: -** Push operation copies the changes from a local repository server to a remote or central repo. It is used to store changes permanently into the git repository.
* **Pull:** - Pull operation copies the changes from a remote repository to a local machine.
* **Git reset: -** git reset is a powerful command undo local changes to the state of a git repository.

**Cloning:** When you clone a repository, you copy the repository from GitHub.com to your local machine. Cloning a repository pulls down a full copy of all the repository data that GitHub.com has at that point in time, including all versions of every file and folder for the project.

Graphical user interface, text, application, email

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A screenshot of a computer

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