**Unix commands:**

* Know current working directory :
  + pwd
* Change directory :
  + cd
* List files present in a directory :
  + ls
* List all files (including hidden files) in a directory :
  + ls –a –l –ltr
* Create/edit a file in vi editor. You may also prefer any other text editor (i.e. nano).
  + vi [file]
* **.bashrc file and how to apply that (inteactive bash)** 
  + Vi .bashrc 🡪 export var1=”Big Data”
  + Source .bashrc
* Execute a command as admin
  + Sudo [command]
* Change permission/ownership of a file or directory (recursively)
  + chmod –R 777 [file]
* Move a file/directory in another directory

cp –r [dir1] [dir2]

* Rename a file/directory
  + mv –r [dir1] [dir2]
* Delete a file or directory (recursively)
  + Rm –r [dir]
  + Mkdir 🡪 rmdir
* Locate a file
  + Find / -name [file]
  + Locate [file]
* Running a shell script
* Create a zero byte file
  + Touch [file]
  + Echo “big data” > .temp.txt
  + .bash\_history
* Extract a tar file
  + Tar –xvf [file]
* gzip and gunzip a file
  + tar –czvf file.tar [file]
  + gzip
* See the content of a gzip file
  + zcat file | tail -5
  + zcat file | head -5 | tail -1
  + awk ‘{print $5} ‘ myfile 🡪 see fifth column
  + awk ‘{print NF} ‘ myfile -> number of field of each record
  + awk ‘{print NF} ‘ myfile | sort –u -> uniqque values
  + wc –l myfile 🡪 # lines in files
  + cat myfile | sort –u | wc –l 🡪 duplicate records
* See the head/tail of a file
  + Head -10 [file]
  + Tail -10 [file]
* Disk usage of filesystem
  + du –h [dir]