**To Download a sample file from github:**

mkdir testdir

cd testdir wget https://github.com/skiganesh/dataanalytics/blob/main/Hive/superstore.csv

**To list directories in HDFS: ls**

hdfs dfs -ls /

**To list directories recursively in HDFS: ls -R**

hdfs dfs -ls -R /

**To create directory in HDFS: mkdir**

hdfs dfs -mkdir /downloads

**Displays free space: df**

hdfs dfs -df /

**Displays sizes of files and directories contained in the given directory or the length of a file in case it’s just a file: du -h**

hdfs dfs -du -h /downloads

**To find file with some file with pattern: -find /path -name pattern**

hdfs dfs -find / -name su\*

**Similar to the fs -put command, except that the source is restricted to a local file reference: copyFromLocal**

hdfs dfs -copyFromLocal /home/skiganesh/testdir/superstore.csv /downloads

**Similar to get command, except that the destination is restricted to a local file reference: copyToLocal**

hdfs dfs -copyToLocal /downloads/superstore.csv /home/skiganesh/testdir/superstore\_copy.csv

**Copy files from source to destination in dfs file system. This command allows multiple sources as well in which case the destination must be a directory: cp**

hdfs dfs -ls /downloads/fcp

hdfs dfs -ls /downloads/

hdfs dfs -cp /downloads/fcp/appendtest.txt /downloads/appmvd.txt

hdfs dfs -ls /downloads/bulkupload

hdfs dfs -put domestic-trips.csv /downloads/bulkupload

hdfs dfs -put appendtest.txt CSV\_for\_EDA.csv /downloads/bulkupload/

hdfs dfs -appendToFile incrfile.txt /downloads/cptxt2.txt

Displays last kilobyte of the file to stdout.

hdfs dfs -tail /downloads/cptxt2.txt

Displays first kilobyte of the file to stdout.

hdfs dfs -head /downloads/cptxt2.txt

Similar to put command, except that the source localsrc is deleted after it’s copied.

hdfs dfs -moveFromLocal incrfile.txt /downloads

moveToLocal

Displays a “Not implemented yet” message.

Moves files from source to destination. This command allows multiple sources as well in which case the destination needs to be a directory.

Moving files across file systems is not permitted.

hdfs dfs -mv /downloads/mvtext.txt /downloads/fcp

delete

hadoop fs -rm -r /downloads

hadoop fs -rm /downloads/appendtest.txt

hadoop fs -rm /downloads/CSV\_for\_EDA.csv

hdfs dfs -rm /downloads/bulkupload/CSV\_for\_EDA.csv

hdfs dfs -rm /downloads/bulkupload/appendtest.txt