| **Command** | **Description** | **Example** |
| --- | --- | --- |
| hdfs dfs -mkdir /folder | Create a directory in HDFS | hdfs dfs -mkdir /vaishnavi |
| hdfs dfs -mkdir -p /a/b/c | Create nested directories | hdfs dfs -mkdir -p /vaishnavi/data/files |
| hdfs dfs -put local.txt /vaishnavi/ | Upload file to HDFS | hdfs dfs -put report.txt /vaishnavi/ |
| hdfs dfs -copyFromLocal local.txt /vaishnavi/ | Another way to upload | hdfs dfs -copyFromLocal report.txt /vaishnavi/ |
| hdfs dfs -get /vaishnavi/report.txt ./ | Download file to local | hdfs dfs -get /vaishnavi/report.txt ./ |
| hdfs dfs -copyToLocal /vaishnavi/report.txt ./ | Another way to download | hdfs dfs -copyToLocal /vaishnavi/report.txt ./ |
| hdfs dfs -cat /vaishnavi/report.txt | Display file content | hdfs dfs -cat /vaishnavi/report.txt |
| hdfs dfs -appendToFile newdata.txt /vaishnavi/report.txt | Append data to existing HDFS file | hdfs dfs -appendToFile update.txt /vaishnavi/report.txt |
| hdfs dfs -mv /vaishnavi/file1.txt /vaishnavi/file2.txt | Rename/move a file | hdfs dfs -mv /vaishnavi/report.txt /vaishnavi/final\_report.txt |
| hdfs dfs -cp /vaishnavi/a.txt /vaishnavi/b.txt | Copy a file | hdfs dfs -cp /vaishnavi/data.txt /vaishnavi/copy.txt |
| hdfs dfs -rm /vaishnavi/report.txt | Delete a file | hdfs dfs -rm /vaishnavi/final\_report.txt |
| hdfs dfs -rm -r /vaishnavi/old | Delete a directory | hdfs dfs -rm -r /vaishnavi/data/ |
| hdfs dfs -ls /vaishnavi/ | List contents | hdfs dfs -ls /vaishnavi/ |
| hdfs dfs -du /vaishnavi/ | Show file size | hdfs dfs -du /vaishnavi/ |
| hdfs dfs -chmod 755 /vaishnavi/data.txt | Change file permission | hdfs dfs -chmod 755 /vaishnavi/data.txt |
| hdfs dfs -chown user:group /vaishnavi/file.txt | Change owner | hdfs dfs -chown hadoop:supergroup /vaishnavi/data.txt |