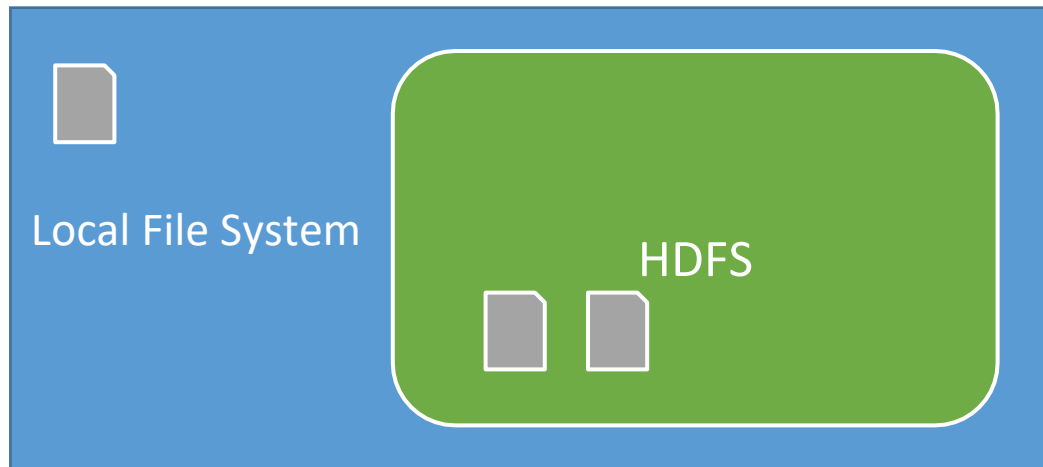


Data Node Storage



Terminal Commands:

List down the files and folder inside a directory

```
ls
```

List down the files and folder inside a directory with details

```
ls -ltr
```

Change Directory

```
cd
```

Go to previous parent directory.

```
cd ..
```

Go to root directory.

```
cd /
```

Create a directory

```
mkdir /home/cloudera/folder1
```

Create a new file

```
touch demo_text_file.txt  
touch /home/cloudera/file.txt
```

Print statement

```
echo "Hello! How are you?"
```

Save data inside a file

```
echo "Hello! How are you?" >> /home/cloudera/file.txt
```

Show complete data of a file.

```
cat file.txt
```

Show first five lines of a file.

```
cat file.txt | head -5
```

Move file to a new directory

```
mv source target
```

Copy file to a new directory

```
cp source target
```

Remove a file

```
rm file
```

Remove a directory

```
rmdir directory
```

Change permissions of a file

```
chmod 777 (file)
```

List down files and folders inside a directory in hdfs

```
hdfs dfs -ls /
```

Create a new directory inside hdfs

```
hdfs dfs -mkdir /folder
```

Move a file from Local File System to HDFS

```
hdfs dfs -put source destination
```

```
hdfs dfs -copyFromLocal source destination
```

Move a file from HDFS to Local File System

```
hdfs dfs -get source destination
```

```
hdfs dfs -copyToLocal source destination
```

Show complete data of a file stored on HDFS

```
hdfs dfs -cat /folder/file.txt
```

Move files inside HDFS directories

```
hdfs dfs -mv source_hdfs destination_hdfs
```

Copy files inside HDFS directories

```
hdfs dfs -cp source_hdfs destination_hdfs
```

Remove a specific file on HDFS

```
hdfs dfs -rm /folder1/file.txt
```

Remove a HDFS Directory

```
hdfs dfs -rm -r /folder1
```