

```
hadoop@ip-172-31-18-100 st0263-242$ ls
laboratorio-MQM laboratorio-RPC README-template.md README.md bigdata docker-nginx-wordpress-ssl-letsencrypt eks-wp
hadoop@ip-172-31-18-100 st0263-242$ pwd
/home/hadoop/st0263-242
hadoop@ip-172-31-18-100 st0263-242$ hdfs dfs -put /home/hadoop/st0263-242/bigdata/datasets/gutenberg-small/*.txt /user/hadoop/datasets/gutenberg-small
hadoop@ip-172-31-18-100 st0263-242$ hdfs dfs -ls /user/hadoop/datasets/gutenberg-small
Found 16 items
-rw-r--r-- 1 hadoop hdfsadmingroup 5878 2024-10-19 01:21 /user/hadoop/datasets/gutenberg-small/AbrahamLincoln_LincolnLetters.txt
-rw-r--r-- 1 hadoop hdfsadmingroup 21586 2024-10-19 01:21 /user/hadoop/datasets/gutenberg-small/AbrahamLincoln_LincolnsFirstInauguralAddress.txt
-rw-r--r-- 1 hadoop hdfsadmingroup 1653 2024-10-19 01:21 /user/hadoop/datasets/gutenberg-small/AbrahamLincoln_LincolnsGettysburgAddressGivenNovember-19-1863.txt
-rw-r--r-- 1 hadoop hdfsadmingroup 262083 2024-10-19 01:21 /user/hadoop/datasets/gutenberg-small/AbrahamLincoln_LincolnsInauguralsAddressesandLettersSelections.txt
-rw-r--r-- 1 hadoop hdfsadmingroup 4093 2024-10-19 01:21 /user/hadoop/datasets/gutenberg-small/AbrahamLincoln_LincolnsSecondInauguralAddress.txt
-rw-r--r-- 1 hadoop hdfsadmingroup 516298 2024-10-19 01:21 /user/hadoop/datasets/gutenberg-small/AbrahamLincoln_SpeechesandLettersofAbrahamLincoln1832-1865.txt
-rw-r--r-- 1 hadoop hdfsadmingroup 167895 2024-10-19 01:21 /user/hadoop/datasets/gutenberg-small/AbrahamLincoln_StateoftheUnionAddresses.txt
-rw-r--r-- 1 hadoop hdfsadmingroup 3928 2024-10-19 01:21 /user/hadoop/datasets/gutenberg-small/AbrahamLincoln_TheEmancipationProclamation.txt
-rw-r--r-- 1 hadoop hdfsadmingroup 45664 2024-10-19 01:21 /user/hadoop/datasets/gutenberg-small/AbrahamLincoln_TheLifeandPublicServiceofGeneralZacharyTaylorAnAddress.txt
-rw-r--r-- 1 hadoop hdfsadmingroup 459006 2024-10-19 01:21 /user/hadoop/datasets/gutenberg-small/AbrahamLincoln_TheWritingsofAbrahamLincolnVolume1.txt
-rw-r--r-- 1 hadoop hdfsadmingroup 505150 2024-10-19 01:21 /user/hadoop/datasets/gutenberg-small/AbrahamLincoln_TheWritingsofAbrahamLincolnVolume2.txt
-rw-r--r-- 1 hadoop hdfsadmingroup 254941 2024-10-19 01:21 /user/hadoop/datasets/gutenberg-small/AbrahamLincoln_TheWritingsofAbrahamLincolnVolume3.txt
-rw-r--r-- 1 hadoop hdfsadmingroup 209643 2024-10-19 01:21 /user/hadoop/datasets/gutenberg-small/AbrahamLincoln_TheWritingsofAbrahamLincolnVolume4.txt
-rw-r--r-- 1 hadoop hdfsadmingroup 692051 2024-10-19 01:21 /user/hadoop/datasets/gutenberg-small/AbrahamLincoln_TheWritingsofAbrahamLincolnVolume5.txt
-rw-r--r-- 1 hadoop hdfsadmingroup 601102 2024-10-19 01:21 /user/hadoop/datasets/gutenberg-small/AbrahamLincoln_TheWritingsofAbrahamLincolnVolume6.txt
-rw-r--r-- 1 hadoop hdfsadmingroup 478689 2024-10-19 01:21 /user/hadoop/datasets/gutenberg-small/AbrahamLincoln_TheWritingsofAbrahamLincolnVolume7.txt
hadoop@ip-172-31-18-100 st0263-242$
```

i-07a6a0765b6eecdcd9

PublicIPs: 44.220.142.239 PrivateIPs: 172.31.18.100

⌨ Keyboard shortcut
To tab out of the terminal window and select the next button element, press the left and right Shift keys together.

```
[hadoop@ip-172-31-18-100 st0263-242]$ hdfs dfs -copyFromLocal /home/hadoop/st0263-242/bigdata/datasets/* /user/hadoop/datasets/
copyFromLocal: /user/hadoop/datasets/gutenberg-small/AbrahamLincoln_LincolnLetters.txt': File exists
copyFromLocal: /user/hadoop/datasets/gutenberg-small/AbrahamLincoln_LincolnsFirstInauguralAddress.txt': File exists
copyFromLocal: /user/hadoop/datasets/gutenberg-small/AbrahamLincoln_LincolnsGettysburgAddressGivenNovember-19-1863.txt': File exists
copyFromLocal: /user/hadoop/datasets/gutenberg-small/AbrahamLincoln_LincolnsInauguralsAddressesandLettersSelections.txt': File exists
copyFromLocal: /user/hadoop/datasets/gutenberg-small/AbrahamLincoln_LincolnsSecondInauguralAddress.txt': File exists
copyFromLocal: /user/hadoop/datasets/gutenberg-small/AbrahamLincoln_SpeechesandLettersofAbrahamLincoln1832-1865.txt': File exists
copyFromLocal: /user/hadoop/datasets/gutenberg-small/AbrahamLincoln_StateoftheUnionAddresses.txt': File exists
copyFromLocal: /user/hadoop/datasets/gutenberg-small/AbrahamLincoln_TheEmancipationProclamation.txt': File exists
copyFromLocal: /user/hadoop/datasets/gutenberg-small/AbrahamLincoln_TheLifeandPublicServiceofGeneralZacharyTaylorAnAddress.txt': File exists
copyFromLocal: /user/hadoop/datasets/gutenberg-small/AbrahamLincoln_TheWritingsofAbrahamLincolnVolume1.txt': File exists
copyFromLocal: /user/hadoop/datasets/gutenberg-small/AbrahamLincoln_TheWritingsofAbrahamLincolnVolume2.txt': File exists
copyFromLocal: /user/hadoop/datasets/gutenberg-small/AbrahamLincoln_TheWritingsofAbrahamLincolnVolume3.txt': File exists
copyFromLocal: /user/hadoop/datasets/gutenberg-small/AbrahamLincoln_TheWritingsofAbrahamLincolnVolume4.txt': File exists
copyFromLocal: /user/hadoop/datasets/gutenberg-small/AbrahamLincoln_TheWritingsofAbrahamLincolnVolume5.txt': File exists
copyFromLocal: /user/hadoop/datasets/gutenberg-small/AbrahamLincoln_TheWritingsofAbrahamLincolnVolume6.txt': File exists
copyFromLocal: /user/hadoop/datasets/gutenberg-small/AbrahamLincoln_TheWritingsofAbrahamLincolnVolume7.txt': File exists
hadoop@ip-172-31-18-100 st0263-242$
```

i-07a6a0765b6eecdcd9

PublicIPs: 44.220.142.239 PrivateIPs: 172.31.18.100

```
Found 11 items
-rw-r--r-- 1 hadoop hdfsadmingroup 780058 2024-10-19 01:24 /user/hadoop/datasets/airlines.csv
drwxr-xr-x - hadoop hdfsadmingroup 0 2024-10-19 01:24 /user/hadoop/datasets/all-news
drwxr-xr-x - hadoop hdfsadmingroup 0 2024-10-19 01:24 /user/hadoop/datasets/covid19
drwxr-xr-x - hadoop hdfsadmingroup 0 2024-10-19 01:24 /user/hadoop/datasets/flights
drwxr-xr-x - hadoop hdfsadmingroup 0 2024-10-19 01:24 /user/hadoop/datasets/gutenberg
drwxr-xr-x - hadoop hdfsadmingroup 0 2024-10-19 01:21 /user/hadoop/datasets/gutenberg-sma
drwxr-xr-x - hadoop hdfsadmingroup 0 2024-10-19 01:24 /user/hadoop/datasets/onu
drwxr-xr-x - hadoop hdfsadmingroup 0 2024-10-19 01:24 /user/hadoop/datasets/otros
drwxr-xr-x - hadoop hdfsadmingroup 0 2024-10-19 01:24 /user/hadoop/datasets/retail_logs
-rw-r--r-- 1 hadoop hdfsadmingroup 534 2024-10-19 01:24 /user/hadoop/datasets/sample_data.c
drwxr-xr-x - hadoop hdfsadmingroup 0 2024-10-19 01:24 /user/hadoop/datasets/spark
[hadoop@ip-172-31-18-100 st0263-242]$
```

File Browser interface showing a directory listing for `s3a://labs-bucket-telematica/datasets`. The interface includes a search bar, a sidebar with navigation options (MySQL, Databases, Error loading databases), and a main content area displaying a table of files.

Name	Size	User	Group	Permissions	Date
.				drwxrwxr-x	October 18, 2024 06:54 PM
airlines.csv	761.8 KB			-rwxrwxr-x	October 18, 2024 06:53 PM
sample_data.csv	567 bytes			-rwxrwxr-x	October 18, 2024 06:53 PM

Page 1 of 1

File Browser interface showing the content of the file `airlines.csv` from the directory `s3a://labs-bucket-telematica/datasets/airlines.csv`. The interface includes a search bar, a sidebar with navigation options (MySQL, Databases, Error loading databases), and a main content area displaying the file's content.

1d,airline,date,location,rating,cabin,value,recommended,review

10001,Delta Air Lines,21-Jun-14,Thailand,7,Economy,4,YES,Flew Mar 30 MRT to BKK. All flights were great. Flight was on-time and the in-flight entertainment was great. Apart from the meals - some Thai passengers cannot eat beef so the flight crews tried to ask other passengers who could eat beef and changed the meals around. We feel disappointed with their food services.

10002,Delta Air Lines,19-Jun-14,USA,8,Economy,2,NO,Flight 2463 Leaving West Palm Beach (PBI) at 2.42pm on June 15 arriving at New York LaGuardia (LGA) at 5.30pm. I was slated to take flight 3997 from LaGuardia to Pittsburgh (PIT) leaving at 6.50pm arriving in Pittsburgh at 8.35pm. Every time I fly Delta I end up getting stuck in whatever airport my layover is for 12+ hours due to cancellations or delays. There is no attempt to accommodate me the customer with a hotel for the night a partial refund or even a blanket or pillow for my extended stay in the airport.

10003,Delta Air Lines,18-Jun-14,USA,9,Economy,1,NO,Delta Website froze 4 times trying to set up flight to three different locations. Had to call and set up over the phone only to find out at the curb our flights were changed with no coumarin to us. My pregnant wife and I sat for over an hour (on the curb) for then to correct the error. We flew to our next location to find the same issue with boarding. We sat outside the line for a half hour while they tried to correct before the plane flew off. I spoke to Delta and they said because of the economy they are having issues. This does not explain why they couldn't send us an e-mail showing our flights changed with new boarding passes. The worst flying experience ever. They could care less about you even if you need special attention. Check baggage fees - Delta packs the plane and charges outrageous prices for additional bags.

10004,Delta Air Lines,17-Jun-14,USA,9,Business,4,YES,"I just returned from a round-trip First/Business Elite FLI-ATL-MUC-ATL-FLI trip. I really must say that all the flights were great. Every flight was on-time the flight crews were exceptionally good the in-flight entertainment was good but could be improved the meals were good and tasty. I only wish Delta would update its meal service and add some new items. Going over to MUC the man behind me even commented to the flight attendant "Is it the usual?" It is always steak chicken breast pasta (no meat or fish - just pasta) and a cold plate. I've written to DL about adding fish lamb duck etc. to the rotation. (They actually had lamb on the MUC-ATL flight) Even flight attendants say that every time they have "fish" it is the most ordered by passengers. I guess Michelle Bernstein has run out of ideas. That is my only suggestion to improve things in Business Elite: Get more imaginative on the meal offerings! It really isn't that difficult."

10005,Delta Air Lines,17-Jun-14,Ecuador,7,Economy,3,YES,"Round-trip flight from Quito Ecuador to Birmingham Alabama with one stop in Atlanta. The check in process was difficult since we are foreigners trying to leave the country. Nothing against Delta. The delta gate agents went through 3 security procedures before we even lined up to go to the plane. I think it was the airport's rules. I flew a Delta 757-200 to Atlanta on a red-eye flight. We took off around 11:40 pm and we started flying over the Pacific Ocean. There was no personal entertainment on this type of aircraft so we were forced to watch a movie. They started serving "breakfast" around 1:20 am. "Breakfast" was a cold turkey and mayonnaise sandwich fruit and a brownie. They took them away and we did not eat anything else. Around 5:00 am we started our descent into Atlanta. The landing was smooth and we soon de-boarded and headed through immigration to board our next 56 min flight to Birmingham. Atlanta airport is very confusing as to where restaurants and lounges are. We boarded our MD88 to Birmingham. Since it was an hour flight they should have served us something but they didn't. We landed in Birmingham smoothly."

10006,Delta Air Lines,17-Jun-14,USA,9,Business,5,YES,Narita - Bangkok June 13 Business Elite 747. Slight delay due to hold for other delayed inbound flights but all in all an excellent flight. Chief Purser was an experienced friendly (old school) gentleman who worked hard to insure good service. Seat was a comfortable lie flat pod offering more privacy than the first class American 777 I had just continued from. Decent food with even a light second offering before landing. Excellent entertainment options offered. I would certainly do this again.

10007,Delta Air Lines,14-Jun-14,UK,8,Economy,1,NO,Flight from NY La Guardia to Cleveland OH at 01:15pm email said flight would be delayed by 2 hours. Delayed our taxi to airport by 2 hours. Got to airport to find flight now cancelled but no email communication from Delta no phone call just the pleasure of an extra 1.5 hours at the airport as they had rebooked us onto 3:20 flight. Staff no training in apologizing to passengers for inconvenience - staff couldn't give a damn. Although travelling with my husband

File Browser interface showing a directory listing for `/user/hadoop/datasets`. The interface includes a search bar, a sidebar with navigation options (MySQL, Databases, Error loading databases), and a main content area displaying a table of files.

Name	Size	User	Group	Permissions	Date
.		hadoop	hdfsadmingroup	drwxrwxr-x	October 18, 2024 12:48 PM
airlines.csv	761.8 KB	hadoop	hdfsadmingroup	-rwxrwxr-x	October 18, 2024 12:52 PM
all-news		hadoop	hdfsadmingroup	drwxrwxr-x	October 18, 2024 12:52 PM
covid19		hadoop	hdfsadmingroup	drwxrwxr-x	October 18, 2024 12:52 PM
flights		hadoop	hdfsadmingroup	drwxrwxr-x	October 18, 2024 12:52 PM
gutenberg		hadoop	hdfsadmingroup	drwxrwxr-x	October 18, 2024 12:52 PM
gutenberg-small		hadoop	hdfsadmingroup	drwxrwxr-x	October 18, 2024 12:51 PM
msu		hadoop	hdfsadmingroup	drwxrwxr-x	October 18, 2024 12:52 PM
otex		hadoop	hdfsadmingroup	drwxrwxr-x	October 18, 2024 12:52 PM
retail_logs		hadoop	hdfsadmingroup	drwxrwxr-x	October 18, 2024 12:52 PM
sample_data.csv	534 bytes	hadoop	hdfsadmingroup	-rwxrwxr-x	October 18, 2024 12:52 PM
spark		hadoop	hdfsadmingroup	drwxrwxr-x	October 18, 2024 12:52 PM

Page 1 of 1

