CPRE 419 LAB 4
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EXP1:

```
cpre419@cpre419-VirtualBox:~/Downloads$ cat Exp1_Local/output/part-r-00000
AK      1477953211577
TX      676586997978
CA      403466310059
MT      376961878670
NM      314160748240
AZ      294207314414
NV      284331937541
CO      268431246426
WY      251470069067
OR      248607802255
cpre419@cpre419-VirtualBox:~/Downloads$
```

Created
Dec 23, 2022, 10:49 AM

Modified
Dec 23, 2022, 10:49 AM

Size
14.3 MB

EXP2:

```
cat: `lab4/exp2/output/*': No such file or directory
cpre419@cpre419-VirtualBox:~/Downloads$ hadoop fs -cat /lab4/exp2/output/*
2023-03-28 16:10:40,977 INFO sasl.SaslDataTransferClient: SASL encryption trust
check: localHostTrusted = false, remoteHostTrusted = false
10.31.24.241    273
192.168.1.4     114
10.31.4.211     70
10.31.4.188     52
107.152.26.197  4
17.134.127.250  4
162.125.34.137  4
162.125.33.7    4
162.125.18.133  4
107.152.25.197  4
cpre419@cpre419-VirtualBox:~/Downloads$
```

EXP3: FIREWALL OUTPUT

```
cpre419@cpre419-VirtualBox:~/Downloads$ hadoop fs -ls lab4/exp3/firewall
Found 2 items
-rw-r--r--   1 cpre419 supergroup          0 2023-03-30 02:22 lab4/exp3/firewall/_SUCCESS
-rw-r--r--   1 cpre419 supergroup   23820553 2023-03-30 02:22 lab4/exp3/firewall/part-r-00000
cpre419@cpre419-VirtualBox:~/Downloads$ hadoop fs -cat lab4/exp3/firewall/* | head -n 10
2023-03-30 02:30:14,144 INFO sasl.SaslDataTransferClient: SASL encryption trust check: localHostTrusted = false
, remoteHostTrusted = false
15:28:46.539147 0       10.31.27.252    224.0.0.102     Blocked
15:28:47.479137 1       10.31.26.186    224.0.0.251     Blocked
15:28:47.479217 2       10.31.26.216    224.0.0.251     Blocked
15:28:48.105882 3       10.31.27.253    224.0.0.102     Blocked
15:28:48.628287 5       10.10.251.232   224.0.0.1       Blocked
15:28:49.672578 8       10.31.26.216    224.0.0.251     Blocked
15:28:50.194885 10      10.31.24.175    224.0.0.251     Blocked
15:28:50.299328 11      10.33.14.68     224.0.0.251     Blocked
15:28:50.403757 12      10.33.14.68     224.0.0.251     Blocked
15:28:50.508240 13      10.31.26.216    224.0.0.251     Blocked
cat: Unable to write to output stream.
cpre419@cpre419-VirtualBox:~/Downloads$
```

```
2023-03-30 02:23:23,849 [main] WARN  org.apache.hadoop.metrics2.impl.MetricsSystemImpl - JobTracker metrics sys
tem already initialized!
2023-03-30 02:23:23,851 [main] WARN  org.apache.hadoop.metrics2.impl.MetricsSystemImpl - JobTracker metrics sys
tem already initialized!
2023-03-30 02:23:23,880 [main] INFO  org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLaun
cher - Success!
2023-03-30 02:23:23,974 [main] INFO  org.apache.pig.Main - Pig script completed in 1 minute, 6 seconds and 785
milliseconds (66785 ms)
cpre419@cpre419-VirtualBox:~/Downloads$ hadoop fs -cat lab4/exp3/output/* | head -n 10
2023-03-30 02:23:42,676 INFO sasl.SaslDataTransferClient: SASL encryption trust check: localHostTrusted = false
, remoteHostTrusted = false
73223    13.249.140.62
65013    10.31.24.241
46495    23.35.205.78
12103    10.31.4.211
11473    151.101.148.133
11470    192.168.1.4
10590    130.211.46.84
8690     10.31.4.188
4959     10.31.6.140
4225     10.33.15.125
cat: Unable to write to output stream.
cpre419@cpre419-VirtualBox:~/Downloads$
```