at org.apache.hadoop.hive.ql.parse.ParseDriver.parse(ParseDriver.java:201)

at org.apache.hadoop.hive.ql.parse.ParseDriver.parse(ParseDriver.java:166)

at org.apache.hadoop.hive.ql.Driver.compile(Driver.java:522)

at org.apache.hadoop.hive.ql.Driver.compileInternal(Driver.java:1356)

at org.apache.hadoop.hive.ql.Driver.runInternal(Driver.java:1473)

at org.apache.hadoop.hive.ql.Driver.run(Driver.java:1285)

at org.apache.hadoop.hive.ql.Driver.run(Driver.java:1275)

at org.apache.hadoop.hive.cli.CliDriver.processLocalCmd(CliDriver.java:226)

at org.apache.hadoop.hive.cli.CliDriver.processCmd(CliDriver.java:175)

at org.apache.hadoop.hive.cli.CliDriver.processLine(CliDriver.java:389)

at org.apache.hadoop.hive.cli.CliDriver.executeDriver(CliDriver.java:781)

at org.apache.hadoop.hive.cli.CliDriver.run(CliDriver.java:699)

at org.apache.hadoop.hive.cli.CliDriver.main(CliDriver.java:634)

at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)

at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:57)

at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)

at java.lang.reflect.Method.invoke(Method.java:606)

at org.apache.hadoop.util.RunJar.run(RunJar.java:221)

at org.apache.hadoop.util.RunJar.main(RunJar.java:136)

FAILED: ParseException line 1:16 mismatched input 'in' expecting INPATH near 'local' in load statement

hive> load data local inpath '/home/cloudera/Desktop/salaries\_cyber.csv' into table cyber\_salaries;

Loading data to table cyber\_salary\_db.cyber\_salaries

Table cyber\_salary\_db.cyber\_salaries stats: [numFiles=1, totalSize=79109]

OK

Time taken: 0.439 seconds

hive> desc cyber\_salaries;

OK

work\_year string from deserializer

experience\_level string from deserializer

employment\_type string from deserializer

job\_title string from deserializer

salary string from deserializer

salary\_currency string from deserializer

salary\_in\_usd string from deserializer

employee\_residence string from deserializer

remote\_ratio string from deserializer

company\_location string from deserializer

company\_size string from deserializer

Time taken: 0.284 seconds, Fetched: 11 row(s)

hive> SELECT COUNT(\*) AS total\_records

> FROM cyber\_salaries;

Query ID = cloudera\_20251029232929\_c0f7b0d5-c635-4305-b193-cebbbb63b649

Total jobs = 1

Launching Job 1 out of 1

Number of reduce tasks determined at compile time: 1

In order to change the average load for a reducer (in bytes):

set hive.exec.reducers.bytes.per.reducer=<number>

In order to limit the maximum number of reducers:

set hive.exec.reducers.max=<number>

In order to set a constant number of reducers:

set mapreduce.job.reduces=<number>

Starting Job = job\_1761802754082\_0001, Tracking URL = http://quickstart.cloudera:8088/proxy/application\_1761802754082\_0001/

Kill Command = /usr/lib/hadoop/bin/hadoop job -kill job\_1761802754082\_0001

Hadoop job information for Stage-1: number of mappers: 1; number of reducers: 1

2025-10-29 23:29:52,810 Stage-1 map = 0%, reduce = 0%

2025-10-29 23:29:58,371 Stage-1 map = 100%, reduce = 0%, Cumulative CPU 0.77 sec

2025-10-29 23:30:03,627 Stage-1 map = 100%, reduce = 100%, Cumulative CPU 1.57 sec

MapReduce Total cumulative CPU time: 1 seconds 570 msec

Ended Job = job\_1761802754082\_0001

MapReduce Jobs Launched:

Stage-Stage-1: Map: 1 Reduce: 1 Cumulative CPU: 1.57 sec HDFS Read: 87682 HDFS Write: 5 SUCCESS

Total MapReduce CPU Time Spent: 1 seconds 570 msec

OK

1247

Time taken: 24.606 seconds, Fetched: 1 row(s)

hive> SELECT experience\_level,

> AVG(salary\_in\_usd) AS avg\_salary\_usd

> FROM cyber\_salaries

> GROUP BY experience\_level;

Query ID = cloudera\_20251029233131\_469c71cd-182c-4286-aced-4d98d9945aa1

Total jobs = 1

Launching Job 1 out of 1

Number of reduce tasks not specified. Estimated from input data size: 1

In order to change the average load for a reducer (in bytes):

set hive.exec.reducers.bytes.per.reducer=<number>

In order to limit the maximum number of reducers:

set hive.exec.reducers.max=<number>

In order to set a constant number of reducers:

set mapreduce.job.reduces=<number>

Starting Job = job\_1761802754082\_0002, Tracking URL = http://quickstart.cloudera:8088/proxy/application\_1761802754082\_0002/

Kill Command = /usr/lib/hadoop/bin/hadoop job -kill job\_1761802754082\_0002

Hadoop job information for Stage-1: number of mappers: 1; number of reducers: 1

2025-10-29 23:31:11,262 Stage-1 map = 0%, reduce = 0%

2025-10-29 23:31:17,907 Stage-1 map = 100%, reduce = 0%, Cumulative CPU 0.92 sec

2025-10-29 23:31:24,273 Stage-1 map = 100%, reduce = 100%, Cumulative CPU 1.85 sec

MapReduce Total cumulative CPU time: 1 seconds 850 msec

Ended Job = job\_1761802754082\_0002

MapReduce Jobs Launched:

Stage-Stage-1: Map: 1 Reduce: 1 Cumulative CPU: 1.85 sec HDFS Read: 88648 HDFS Write: 85 SUCCESS

Total MapReduce CPU Time Spent: 1 seconds 850 msec

OK

EN 63579.47441860465

EX 200706.08219178082

MI 103377.08009708738

SE 144560.239488117

Time taken: 21.306 seconds, Fetched: 4 row(s)

hive> SELECT job\_title, COUNT(\*) AS total\_jobs

> FROM cyber\_salaries

> GROUP BY job\_title

> ORDER BY total\_jobs DESC

> LIMIT 10;

Query ID = cloudera\_20251029233232\_9ba190ec-23a4-44b6-a135-78002b1dda9e

Total jobs = 2

Launching Job 1 out of 2

Number of reduce tasks not specified. Estimated from input data size: 1

In order to change the average load for a reducer (in bytes):

set hive.exec.reducers.bytes.per.reducer=<number>

In order to limit the maximum number of reducers:

set hive.exec.reducers.max=<number>

In order to set a constant number of reducers:

set mapreduce.job.reduces=<number>

Starting Job = job\_1761802754082\_0003, Tracking URL = http://quickstart.cloudera:8088/proxy/application\_1761802754082\_0003/

Kill Command = /usr/lib/hadoop/bin/hadoop job -kill job\_1761802754082\_0003

Hadoop job information for Stage-1: number of mappers: 1; number of reducers: 1

2025-10-29 23:32:15,035 Stage-1 map = 0%, reduce = 0%

2025-10-29 23:32:20,363 Stage-1 map = 100%, reduce = 0%, Cumulative CPU 1.03 sec

2025-10-29 23:32:28,186 Stage-1 map = 100%, reduce = 100%, Cumulative CPU 2.0 sec

MapReduce Total cumulative CPU time: 2 seconds 0 msec

Ended Job = job\_1761802754082\_0003

Launching Job 2 out of 2

Number of reduce tasks determined at compile time: 1

In order to change the average load for a reducer (in bytes):

set hive.exec.reducers.bytes.per.reducer=<number>

In order to limit the maximum number of reducers:

set hive.exec.reducers.max=<number>

In order to set a constant number of reducers:

set mapreduce.job.reduces=<number>

Starting Job = job\_1761802754082\_0004, Tracking URL = http://quickstart.cloudera:8088/proxy/application\_1761802754082\_0004/

Kill Command = /usr/lib/hadoop/bin/hadoop job -kill job\_1761802754082\_0004

Hadoop job information for Stage-2: number of mappers: 1; number of reducers: 1

2025-10-29 23:32:37,569 Stage-2 map = 0%, reduce = 0%

2025-10-29 23:32:42,916 Stage-2 map = 100%, reduce = 0%, Cumulative CPU 0.59 sec

2025-10-29 23:32:49,238 Stage-2 map = 100%, reduce = 100%, Cumulative CPU 1.42 sec

MapReduce Total cumulative CPU time: 1 seconds 420 msec

Ended Job = job\_1761802754082\_0004

MapReduce Jobs Launched:

Stage-Stage-1: Map: 1 Reduce: 1 Cumulative CPU: 2.0 sec HDFS Read: 87182 HDFS Write: 4023 SUCCESS

Stage-Stage-2: Map: 1 Reduce: 1 Cumulative CPU: 1.42 sec HDFS Read: 9052 HDFS Write: 263 SUCCESS

Total MapReduce CPU Time Spent: 3 seconds 420 msec

OK

Security Engineer 194

Cyber Security Analyst 133

Penetration Tester 70

Information Security Manager 64

Cyber Security Engineer 63

Security Analyst 47

Information Security Analyst 39

Cyber Security Specialist 31

Cyber Threat Intelligence Analyst 29

SOC Analyst 28

Time taken: 41.416 seconds, Fetched: 10 row(s)

hive> SELECT job\_title,

> ROUND(AVG(salary\_in\_usd),2) AS avg\_salary\_usd

> FROM cyber\_salaries

> GROUP BY job\_title

> ORDER BY avg\_salary\_usd DESC

> LIMIT 10;

Query ID = cloudera\_20251029233333\_906f0c31-f5a7-4c8c-bbc2-8115f3f6350f

Total jobs = 2

Launching Job 1 out of 2

Number of reduce tasks not specified. Estimated from input data size: 1

In order to change the average load for a reducer (in bytes):

set hive.exec.reducers.bytes.per.reducer=<number>

In order to limit the maximum number of reducers:

set hive.exec.reducers.max=<number>

In order to set a constant number of reducers:

set mapreduce.job.reduces=<number>

Starting Job = job\_1761802754082\_0005, Tracking URL = http://quickstart.cloudera:8088/proxy/application\_1761802754082\_0005/

Kill Command = /usr/lib/hadoop/bin/hadoop job -kill job\_1761802754082\_0005

Hadoop job information for Stage-1: number of mappers: 1; number of reducers: 1

2025-10-29 23:33:31,570 Stage-1 map = 0%, reduce = 0%

2025-10-29 23:33:36,822 Stage-1 map = 100%, reduce = 0%, Cumulative CPU 0.65 sec

2025-10-29 23:33:44,283 Stage-1 map = 100%, reduce = 100%, Cumulative CPU 2.14 sec

MapReduce Total cumulative CPU time: 2 seconds 140 msec

Ended Job = job\_1761802754082\_0005

Launching Job 2 out of 2

Number of reduce tasks determined at compile time: 1

In order to change the average load for a reducer (in bytes):

set hive.exec.reducers.bytes.per.reducer=<number>

In order to limit the maximum number of reducers:

set hive.exec.reducers.max=<number>

In order to set a constant number of reducers:

set mapreduce.job.reduces=<number>

Starting Job = job\_1761802754082\_0006, Tracking URL = http://quickstart.cloudera:8088/proxy/application\_1761802754082\_0006/

Kill Command = /usr/lib/hadoop/bin/hadoop job -kill job\_1761802754082\_0006

Hadoop job information for Stage-2: number of mappers: 1; number of reducers: 1

2025-10-29 23:33:52,504 Stage-2 map = 0%, reduce = 0%

2025-10-29 23:33:57,758 Stage-2 map = 100%, reduce = 0%, Cumulative CPU 0.55 sec

2025-10-29 23:34:04,077 Stage-2 map = 100%, reduce = 100%, Cumulative CPU 1.32 sec

MapReduce Total cumulative CPU time: 1 seconds 320 msec

Ended Job = job\_1761802754082\_0006

MapReduce Jobs Launched:

Stage-Stage-1: Map: 1 Reduce: 1 Cumulative CPU: 2.14 sec HDFS Read: 88059 HDFS Write: 4650 SUCCESS

Stage-Stage-2: Map: 1 Reduce: 1 Cumulative CPU: 1.32 sec HDFS Read: 9566 HDFS Write: 390 SUCCESS

Total MapReduce CPU Time Spent: 3 seconds 460 msec

OK

Application Security Architect 315000.0

Staff Security Engineer 295000.0

Threat Intelligence Response Analyst 260000.0

Principal Application Security Engineer 237000.0

Software Security Engineer 235540.0

Information Security Compliance Manager 230000.0

Detection Engineer 226310.27

Security Incident Response Engineer 205666.67

Head of Information Security 199388.83

IAM Engineer 198333.33

Time taken: 39.356 seconds, Fetched: 10 row(s)

hive> SELECT work\_year,

> AVG(salary\_in\_usd) AS avg\_salary\_usd

> FROM cyber\_salaries

> GROUP BY work\_year

> ORDER BY work\_year;

Query ID = cloudera\_20251029233535\_1e5d898c-b563-4459-831a-4e96b3be36c6

Total jobs = 2

Launching Job 1 out of 2

Number of reduce tasks not specified. Estimated from input data size: 1

In order to change the average load for a reducer (in bytes):

set hive.exec.reducers.bytes.per.reducer=<number>

In order to limit the maximum number of reducers:

set hive.exec.reducers.max=<number>

In order to set a constant number of reducers:

set mapreduce.job.reduces=<number>

Starting Job = job\_1761802754082\_0007, Tracking URL = http://quickstart.cloudera:8088/proxy/application\_1761802754082\_0007/

Kill Command = /usr/lib/hadoop/bin/hadoop job -kill job\_1761802754082\_0007

Hadoop job information for Stage-1: number of mappers: 1; number of reducers: 1

2025-10-29 23:35:13,455 Stage-1 map = 0%, reduce = 0%

2025-10-29 23:35:20,127 Stage-1 map = 100%, reduce = 0%, Cumulative CPU 0.88 sec

2025-10-29 23:35:26,419 Stage-1 map = 100%, reduce = 100%, Cumulative CPU 1.6 sec

MapReduce Total cumulative CPU time: 1 seconds 600 msec

Ended Job = job\_1761802754082\_0007

Launching Job 2 out of 2

Number of reduce tasks determined at compile time: 1

In order to change the average load for a reducer (in bytes):

set hive.exec.reducers.bytes.per.reducer=<number>

In order to limit the maximum number of reducers:

set hive.exec.reducers.max=<number>

In order to set a constant number of reducers:

set mapreduce.job.reduces=<number>

Starting Job = job\_1761802754082\_0008, Tracking URL = http://quickstart.cloudera:8088/proxy/application\_1761802754082\_0008/

Kill Command = /usr/lib/hadoop/bin/hadoop job -kill job\_1761802754082\_0008

Hadoop job information for Stage-2: number of mappers: 1; number of reducers: 1

2025-10-29 23:35:33,465 Stage-2 map = 0%, reduce = 0%

2025-10-29 23:35:39,806 Stage-2 map = 100%, reduce = 0%, Cumulative CPU 0.62 sec

2025-10-29 23:35:46,182 Stage-2 map = 100%, reduce = 100%, Cumulative CPU 1.5 sec

MapReduce Total cumulative CPU time: 1 seconds 500 msec

Ended Job = job\_1761802754082\_0008

MapReduce Jobs Launched:

Stage-Stage-1: Map: 1 Reduce: 1 Cumulative CPU: 1.6 sec HDFS Read: 87722 HDFS Write: 186 SUCCESS

Stage-Stage-2: Map: 1 Reduce: 1 Cumulative CPU: 1.5 sec HDFS Read: 5160 HDFS Write: 71 SUCCESS

Total MapReduce CPU Time Spent: 3 seconds 100 msec

OK

2020 109076.71195652174

2021 104939.88842975207

2022 136659.6165803109

Time taken: 40.616 seconds, Fetched: 3 row(s)

hive> SELECT remote\_ratio,

> AVG(salary\_in\_usd) AS avg\_salary\_usd

> FROM cyber\_salaries

> GROUP BY remote\_ratio

> ORDER BY remote\_ratio DESC;

Query ID = cloudera\_20251030010000\_e2ce51ff-ed7e-407b-9756-0401dc3838aa

Total jobs = 2

Launching Job 1 out of 2

Number of reduce tasks not specified. Estimated from input data size: 1

In order to change the average load for a reducer (in bytes):

set hive.exec.reducers.bytes.per.reducer=<number>

In order to limit the maximum number of reducers:

set hive.exec.reducers.max=<number>

In order to set a constant number of reducers:

set mapreduce.job.reduces=<number>

Starting Job = job\_1761802754082\_0009, Tracking URL = http://quickstart.cloudera:8088/proxy/application\_1761802754082\_0009/

Kill Command = /usr/lib/hadoop/bin/hadoop job -kill job\_1761802754082\_0009

Hadoop job information for Stage-1: number of mappers: 1; number of reducers: 1

2025-10-30 01:00:36,067 Stage-1 map = 0%, reduce = 0%

2025-10-30 01:00:40,401 Stage-1 map = 100%, reduce = 0%, Cumulative CPU 0.64 sec

2025-10-30 01:00:47,868 Stage-1 map = 100%, reduce = 100%, Cumulative CPU 1.73 sec

MapReduce Total cumulative CPU time: 1 seconds 730 msec

Ended Job = job\_1761802754082\_0009

Launching Job 2 out of 2

Number of reduce tasks determined at compile time: 1

In order to change the average load for a reducer (in bytes):

set hive.exec.reducers.bytes.per.reducer=<number>

In order to limit the maximum number of reducers:

set hive.exec.reducers.max=<number>

In order to set a constant number of reducers:

set mapreduce.job.reduces=<number>

Starting Job = job\_1761802754082\_0010, Tracking URL = http://quickstart.cloudera:8088/proxy/application\_1761802754082\_0010/

Kill Command = /usr/lib/hadoop/bin/hadoop job -kill job\_1761802754082\_0010

Hadoop job information for Stage-2: number of mappers: 1; number of reducers: 1

2025-10-30 01:00:57,512 Stage-2 map = 0%, reduce = 0%

2025-10-30 01:01:01,845 Stage-2 map = 100%, reduce = 0%, Cumulative CPU 0.56 sec

2025-10-30 01:01:08,149 Stage-2 map = 100%, reduce = 100%, Cumulative CPU 1.46 sec

MapReduce Total cumulative CPU time: 1 seconds 460 msec

Ended Job = job\_1761802754082\_0010

MapReduce Jobs Launched:

Stage-Stage-1: Map: 1 Reduce: 1 Cumulative CPU: 1.73 sec HDFS Read: 87726 HDFS Write: 180 SUCCESS

Stage-Stage-2: Map: 1 Reduce: 1 Cumulative CPU: 1.46 sec HDFS Read: 5166 HDFS Write: 66 SUCCESS

Total MapReduce CPU Time Spent: 3 seconds 190 msec

OK

50 104666.08163265306

100 130586.07932379714

0 102674.05150214593

Time taken: 40.942 seconds, Fetched: 3 row(s)

hive> SELECT company\_size,

> AVG(salary\_in\_usd) AS avg\_salary\_usd

> FROM cyber\_salaries

> GROUP BY company\_size

> ORDER BY avg\_salary\_usd DESC;

Query ID = cloudera\_20251030010202\_408b8e38-532c-4ad1-a6f3-3ecbbc0bfa3b

Total jobs = 2

Launching Job 1 out of 2

Number of reduce tasks not specified. Estimated from input data size: 1

In order to change the average load for a reducer (in bytes):

set hive.exec.reducers.bytes.per.reducer=<number>

In order to limit the maximum number of reducers:

set hive.exec.reducers.max=<number>

In order to set a constant number of reducers:

set mapreduce.job.reduces=<number>

Starting Job = job\_1761802754082\_0011, Tracking URL = http://quickstart.cloudera:8088/proxy/application\_1761802754082\_0011/

Kill Command = /usr/lib/hadoop/bin/hadoop job -kill job\_1761802754082\_0011

Hadoop job information for Stage-1: number of mappers: 1; number of reducers: 1

2025-10-30 01:02:24,751 Stage-1 map = 0%, reduce = 0%

2025-10-30 01:02:30,207 Stage-1 map = 100%, reduce = 0%, Cumulative CPU 1.0 sec

2025-10-30 01:02:37,769 Stage-1 map = 100%, reduce = 100%, Cumulative CPU 2.02 sec

MapReduce Total cumulative CPU time: 2 seconds 20 msec

Ended Job = job\_1761802754082\_0011

Launching Job 2 out of 2

Number of reduce tasks determined at compile time: 1

In order to change the average load for a reducer (in bytes):

set hive.exec.reducers.bytes.per.reducer=<number>

In order to limit the maximum number of reducers:

set hive.exec.reducers.max=<number>

In order to set a constant number of reducers:

set mapreduce.job.reduces=<number>

Starting Job = job\_1761802754082\_0012, Tracking URL = http://quickstart.cloudera:8088/proxy/application\_1761802754082\_0012/

Kill Command = /usr/lib/hadoop/bin/hadoop job -kill job\_1761802754082\_0012

Hadoop job information for Stage-2: number of mappers: 1; number of reducers: 1

2025-10-30 01:02:46,910 Stage-2 map = 0%, reduce = 0%

2025-10-30 01:02:53,189 Stage-2 map = 100%, reduce = 0%, Cumulative CPU 0.68 sec

2025-10-30 01:02:59,459 Stage-2 map = 100%, reduce = 100%, Cumulative CPU 1.55 sec

MapReduce Total cumulative CPU time: 1 seconds 550 msec

Ended Job = job\_1761802754082\_0012

MapReduce Jobs Launched:

Stage-Stage-1: Map: 1 Reduce: 1 Cumulative CPU: 2.02 sec HDFS Read: 87726 HDFS Write: 177 SUCCESS

Stage-Stage-2: Map: 1 Reduce: 1 Cumulative CPU: 1.55 sec HDFS Read: 5163 HDFS Write: 61 SUCCESS

Total MapReduce CPU Time Spent: 3 seconds 570 msec

OK

M 127317.22916666667

L 120989.1834625323

S 83724.66292134831

Time taken: 41.702 seconds, Fetched: 3 row(s)

hive> SELECT employee\_residence,

> AVG(salary\_in\_usd) AS avg\_salary\_usd

> FROM cyber\_salaries

> GROUP BY employee\_residence

> ORDER BY avg\_salary\_usd DESC

> LIMIT 10;

Query ID = cloudera\_20251030010303\_265014dd-c7b2-4404-8e3d-75fa0e3d790d

Total jobs = 2

Launching Job 1 out of 2

Number of reduce tasks not specified. Estimated from input data size: 1

In order to change the average load for a reducer (in bytes):

set hive.exec.reducers.bytes.per.reducer=<number>

In order to limit the maximum number of reducers:

set hive.exec.reducers.max=<number>

In order to set a constant number of reducers:

set mapreduce.job.reduces=<number>

Starting Job = job\_1761802754082\_0013, Tracking URL = http://quickstart.cloudera:8088/proxy/application\_1761802754082\_0013/

Kill Command = /usr/lib/hadoop/bin/hadoop job -kill job\_1761802754082\_0013

Hadoop job information for Stage-1: number of mappers: 1; number of reducers: 1

2025-10-30 01:03:55,590 Stage-1 map = 0%, reduce = 0%

2025-10-30 01:04:02,126 Stage-1 map = 100%, reduce = 0%, Cumulative CPU 1.1 sec

2025-10-30 01:04:08,477 Stage-1 map = 100%, reduce = 100%, Cumulative CPU 1.85 sec

MapReduce Total cumulative CPU time: 1 seconds 850 msec

Ended Job = job\_1761802754082\_0013

Launching Job 2 out of 2

Number of reduce tasks determined at compile time: 1

In order to change the average load for a reducer (in bytes):

set hive.exec.reducers.bytes.per.reducer=<number>

In order to limit the maximum number of reducers:

set hive.exec.reducers.max=<number>

In order to set a constant number of reducers:

set mapreduce.job.reduces=<number>

Starting Job = job\_1761802754082\_0014, Tracking URL = http://quickstart.cloudera:8088/proxy/application\_1761802754082\_0014/

Kill Command = /usr/lib/hadoop/bin/hadoop job -kill job\_1761802754082\_0014

Hadoop job information for Stage-2: number of mappers: 1; number of reducers: 1

2025-10-30 01:04:14,381 Stage-2 map = 0%, reduce = 0%

2025-10-30 01:04:20,725 Stage-2 map = 100%, reduce = 0%, Cumulative CPU 0.67 sec

2025-10-30 01:04:26,993 Stage-2 map = 100%, reduce = 100%, Cumulative CPU 1.68 sec

MapReduce Total cumulative CPU time: 1 seconds 680 msec

Ended Job = job\_1761802754082\_0014

MapReduce Jobs Launched:

Stage-Stage-1: Map: 1 Reduce: 1 Cumulative CPU: 1.85 sec HDFS Read: 87738 HDFS Write: 1720 SUCCESS

Stage-Stage-2: Map: 1 Reduce: 1 Cumulative CPU: 1.68 sec HDFS Read: 6842 HDFS Write: 150 SUCCESS

Total MapReduce CPU Time Spent: 3 seconds 530 msec

OK

TW 185906.0

JP 159000.0

GH 150000.0

AE 142333.33333333334

BG 138654.0

US 135451.62048894062

IL 132201.0

AU 131641.4090909091

CH 123354.25

BW 120000.0

Time taken: 38.76 seconds, Fetched: 10 row(s)

hive> SELECT employment\_type,

> AVG(salary\_in\_usd) AS avg\_salary\_usd

> FROM cyber\_salaries

> GROUP BY employment\_type;

Query ID = cloudera\_20251030010404\_cdc780c2-4b2f-44b4-a1a8-336d9cb0a45a

Total jobs = 1

Launching Job 1 out of 1

Number of reduce tasks not specified. Estimated from input data size: 1

In order to change the average load for a reducer (in bytes):

set hive.exec.reducers.bytes.per.reducer=<number>

In order to limit the maximum number of reducers:

set hive.exec.reducers.max=<number>

In order to set a constant number of reducers:

set mapreduce.job.reduces=<number>

Starting Job = job\_1761802754082\_0015, Tracking URL = http://quickstart.cloudera:8088/proxy/application\_1761802754082\_0015/

Kill Command = /usr/lib/hadoop/bin/hadoop job -kill job\_1761802754082\_0015

Hadoop job information for Stage-1: number of mappers: 1; number of reducers: 1

2025-10-30 01:04:58,412 Stage-1 map = 0%, reduce = 0%

2025-10-30 01:05:05,208 Stage-1 map = 100%, reduce = 0%, Cumulative CPU 0.83 sec

2025-10-30 01:05:11,503 Stage-1 map = 100%, reduce = 100%, Cumulative CPU 1.72 sec

MapReduce Total cumulative CPU time: 1 seconds 720 msec

Ended Job = job\_1761802754082\_0015

MapReduce Jobs Launched:

Stage-Stage-1: Map: 1 Reduce: 1 Cumulative CPU: 1.72 sec HDFS Read: 88646 HDFS Write: 77 SUCCESS

Total MapReduce CPU Time Spent: 1 seconds 720 msec

OK

CT 104148.27272727272

FL 83944.33333333333

FT 120963.74612244898

PT 51110.75

Time taken: 20.407 seconds, Fetched: 4 row(s)

hive> SELECT job\_title,

> MAX(salary\_in\_usd) AS max\_salary\_usd

> FROM cyber\_salaries

> GROUP BY job\_title

> ORDER BY max\_salary\_usd DESC

> LIMIT 10;

Query ID = cloudera\_20251030010606\_30171ed7-5045-4eb0-9cfd-4d2ed59d149f

Total jobs = 2

Launching Job 1 out of 2

Number of reduce tasks not specified. Estimated from input data size: 1

In order to change the average load for a reducer (in bytes):

set hive.exec.reducers.bytes.per.reducer=<number>

In order to limit the maximum number of reducers:

set hive.exec.reducers.max=<number>

In order to set a constant number of reducers:

set mapreduce.job.reduces=<number>

Starting Job = job\_1761802754082\_0016, Tracking URL = http://quickstart.cloudera:8088/proxy/application\_1761802754082\_0016/

Kill Command = /usr/lib/hadoop/bin/hadoop job -kill job\_1761802754082\_0016

Hadoop job information for Stage-1: number of mappers: 1; number of reducers: 1

2025-10-30 01:06:17,564 Stage-1 map = 0%, reduce = 0%

2025-10-30 01:06:25,301 Stage-1 map = 100%, reduce = 0%, Cumulative CPU 1.3 sec

2025-10-30 01:06:32,754 Stage-1 map = 100%, reduce = 100%, Cumulative CPU 2.55 sec

MapReduce Total cumulative CPU time: 2 seconds 550 msec

Ended Job = job\_1761802754082\_0016

Launching Job 2 out of 2

Number of reduce tasks determined at compile time: 1

In order to change the average load for a reducer (in bytes):

set hive.exec.reducers.bytes.per.reducer=<number>

In order to limit the maximum number of reducers:

set hive.exec.reducers.max=<number>

In order to set a constant number of reducers:

set mapreduce.job.reduces=<number>

Starting Job = job\_1761802754082\_0017, Tracking URL = http://quickstart.cloudera:8088/proxy/application\_1761802754082\_0017/

Kill Command = /usr/lib/hadoop/bin/hadoop job -kill job\_1761802754082\_0017

Hadoop job information for Stage-2: number of mappers: 1; number of reducers: 1

2025-10-30 01:06:40,939 Stage-2 map = 0%, reduce = 0%

2025-10-30 01:06:46,250 Stage-2 map = 100%, reduce = 0%, Cumulative CPU 0.54 sec

2025-10-30 01:06:52,543 Stage-2 map = 100%, reduce = 100%, Cumulative CPU 1.51 sec

MapReduce Total cumulative CPU time: 1 seconds 510 msec

Ended Job = job\_1761802754082\_0017

MapReduce Jobs Launched:

Stage-Stage-1: Map: 1 Reduce: 1 Cumulative CPU: 2.55 sec HDFS Read: 87265 HDFS Write: 4498 SUCCESS

Stage-Stage-2: Map: 1 Reduce: 1 Cumulative CPU: 1.51 sec HDFS Read: 9399 HDFS Write: 297 SUCCESS

Total MapReduce CPU Time Spent: 4 seconds 60 msec

OK

Incident Response Manager 99980

Network and Security Engineer 99960

Cyber Security Analyst 99950

Security Researcher 99598

Cyber Security Engineer 99397

Cyber Threat Analyst 99292

Cyber Security Architect 99000

Security Engineering Manager 98346

IT Security Analyst 98000

Penetration Tester 98000

Time taken: 41.998 seconds, Fetched: 10 row(s)

hive> [cloudera@quickstart Desktop]$