

```
[cloudera@quickstart ~]$ hbase shell
2023-03-23 23:30:07,073 INFO [main] Configuration.deprecation: hadoop.native.lib is deprecated. Instead, use io.native.lib.available
HBase Shell; enter 'help<RETURN>' for list of supported commands.
Type "exit<RETURN>" to leave the HBase Shell
Version 1.0.0-cdh5.4.2, rUnknown, Tue May 19 17:07:29 PDT 2015
```

```
hbase(main):001:0> list
TABLE
emphive
flight
flight1
flight_690
flightinfo
flights
6 row(s) in 0.2180 seconds
```

```
=> ["emphive", "flight", "flight1", "flight_690", "flightinfo", "flights"]
```

```
hbase(main):002:0> scan 'flight_690'
```

ROW	COLUMN+CELL
1	column=finfo_690:dest, timestamp=1677826570605, value=mumbai
1	column=finfo_690:source, timestamp=1677826540798, value=pune
1	column=fsch_690:at, timestamp=1677826626973, value=10.25a.m
1	column=fsch_690:delay, timestamp=1677826664481, value=5min
1	column=fsch_690:dt, timestamp=1677826647378, value=11.25a.m
2	column=finfo_690:dest, timestamp=1677826814332, value=Kolkata
2	column=finfo_690:source, timestamp=1677826695051, value=pune
2	column=fsch_690:at, timestamp=1677826838336, value=7.00a.m
2	column=fsch_690:delay, timestamp=1677826931798, value=2 min
2	column=fsch_690:dt, timestamp=1677826868586, value=7.30a.m
3	column=finfo_690:dest, timestamp=1677826992536, value=Pune
3	column=finfo_690:source, timestamp=1677826981721, value=Mumbai
3	column=fsch_690:at, timestamp=1677827050650, value=12.30p.m
3	column=fsch_690:delay, timestamp=1677827093940, value=1 min

```

3      column=fsch_690:dt, timestamp=1677827063345, value=12.45p.
      m
4      column=finfo_690:dest, timestamp=1677827139558, value=delh
      i
4      column=finfo_690:source, timestamp=1677827119668, value=mu
      mbai
4      column=fsch_690:at, timestamp=1677827160760, value=2.00p.m
4      column=fsch_690:delay, timestamp=1677827196616, value=10 m
      in
4      column=fsch_690:dt, timestamp=1677827175348, value=2.45p.m
4 row(s) in 0.3620 seconds

```

hbase(main):003:0> hive

NameError: undefined local variable or method `hive' for #<Object:0x2e5667ed>

hbase(main):004:0> [cloudera@quickstart ~]\$

[cloudera@quickstart ~]\$ hive

Logging initialized using configuration in file:/etc/hive/conf.dist/hive-log4j.properties

WARNING: Hive CLI is deprecated and migration to Beeline is recommended.

hive> create external table empdata\_690 (ename string ,esal int ) row format delimited fields terminated by "," stored as textfile location "/home/cloudera/empdata\_690";

OK

Time taken: 2.737 seconds

hive> load data local inpath '/home/cloudera/empdb\_690.txt' into table empdata\_690;

FAILED: SemanticException Line 1:23 Invalid path "/home/cloudera/empdb\_690.txt": No files matching path file:/home/cloudera/empdb\_690.txt

hive> load data local inpath '/home/cloudera/empdb\_690.txt' into table empdata\_690;

Loading data to table default.empdata\_690

Table default.empdata\_690 stats: [numFiles=1, totalSize=0]

OK

Time taken: 0.773 seconds

hive> [cloudera@quickstart ~]\$

[cloudera@quickstart ~]\$ hbase shell

2023-03-23 23:50:25,860 INFO [main] Configuration.deprecation: hadoop.native.lib is deprecated. Instead, use io.native.lib.available

HBase Shell; enter 'help<RETURN>' for list of supported commands.

Type "exit<RETURN>" to leave the HBase Shell

Version 1.0.0-cdh5.4.2, rUnknown, Tue May 19 17:07:29 PDT 2015

hbase(main):001:0> create 'emphive\_690','cf\_690'

0 row(s) in 1.1680 seconds

=> Hbase::Table - emphive\_690

```

hbase(main):002:0> create external table hive_table_emp_690(id int,name string,esal string)
stored by 'org.apache.hadoop.hive.hbase.HBaseStorageHandler
hbase(main):003:0' create external table hive_table_emp_690(id int,name string,esal string)
stored by 'org.apache.hadoop.hive.hbase.HBaseStorageHandler' WITH SERDEPROPERTIES
("hbase.columns.mapping" = ":key,cf:name,cf:esal")
hbase(main):004:0' TBLPROPERTIES ("hbase.table.name" = "emphive");
hbase(main):005:0' create external table hive_table_emp_690(id int,name string,esal string)
stored by 'org.apache.hadoop.hive.hbase.HBaseStorageHandler' WITH SERDEPROPERTIES
("hbase.columns.mapping" = ":key,cf_690:name,cf_690:esal") TBLPROPERTIES
("hbase.table.name"="emphive_690");
hbase(main):006:0' [cloudera@quickstart ~]$ hive

```

Logging initialized using configuration in file:/etc/hive/conf.dist/hive-log4j.properties

WARNING: Hive CLI is deprecated and migration to Beeline is recommended.

```

hive> CREATE external TABLE hive_table_emp(id int, name string, esal string)
> STORED BY 'org.apache.hadoop.hive.hbase.HBaseStorageHandler'
> WITH SERDEPROPERTIES ("hbase.columns.mapping" = ":key,cf:name,cf:esal")
> TBLPROPERTIES ("hbase.table.name" = "emphive");
FAILED: Execution Error, return code 1 from org.apache.hadoop.hive.ql.exec.DDLTask.
AlreadyExistsException(message:Table hive_table_emp already exists)
hive> CREATE external TABLE hive_table_emp_690(id int, name string, esal string)
> STORED BY 'org.apache.hadoop.hive.hbase.HBaseStorageHandler'
> WITH SERDEPROPERTIES ("hbase.columns.mapping" = ":key,cf_690:name,cf_690:esal")
> TBLPROPERTIES ("hbase.table.name" = "emphive_690");

```

OK

Time taken: 0.226 seconds

```

hive> CREATE external TABLE hbase_flight_new(fno int, fsource string,fdest string,fsh_at
string,fsh_dt
> string,fsch_delay
> string,delay int)
> STORED BY 'org.apache.hadoop.hive.hbase.HBaseStorageHandler'
> WITH SERDEPROPERTIES ("hbase.columns.mapping" =
> ":key,info:source,info:dest,fsch:at,fsch:dt,fsch:delay,delay:dl")
> TBLPROPERTIES ("hbase.table.name" = "flight");
FAILED: Execution Error, return code 1 from org.apache.hadoop.hive.ql.exec.DDLTask.
MetaException(message:MetaException(message:Column Family delay is not defined in hbase
table flight)
at
org.apache.hadoop.hive.hbase.HBaseStorageHandler.preCreateTable(HBaseStorageHandler.java:235)
at
org.apache.hadoop.hive.metastore.HiveMetaStoreClient.createTable(HiveMetaStoreClient.java:653)

```

```

at
org.apache.hadoop.hive.metastore.HiveMetaStoreClient.createTable(HiveMetaStoreClient.java:
646)
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.hive.metastore.RetryingMetaStoreClient.invoke(RetryingMetaStoreClient.ja
va:91)
at com.sun.proxy.$Proxy9.createTable(Unknown Source)
at org.apache.hadoop.hive.ql.metadata.Hive.createTable(Hive.java:681)
at org.apache.hadoop.hive.ql.exec.DDLTask.createTable(DDLTask.java:4016)
at org.apache.hadoop.hive.ql.exec.DDLTask.execute(DDLTask.java:301)
at org.apache.hadoop.hive.ql.exec.Task.executeTask(Task.java:160)
at org.apache.hadoop.hive.ql.exec.TaskRunner.runSequential(TaskRunner.java:88)
at org.apache.hadoop.hive.ql.Driver.launchTask(Driver.java:1638)
at org.apache.hadoop.hive.ql.Driver.execute(Driver.java:1397)
at org.apache.hadoop.hive.ql.Driver.runInternal(Driver.java:1181)
at org.apache.hadoop.hive.ql.Driver.run(Driver.java:1047)
at org.apache.hadoop.hive.ql.Driver.run(Driver.java:1037)
at org.apache.hadoop.hive.cli.CliDriver.processLocalCmd(CliDriver.java:207)
at org.apache.hadoop.hive.cli.CliDriver.processCmd(CliDriver.java:159)
at org.apache.hadoop.hive.cli.CliDriver.processLine(CliDriver.java:370)
at org.apache.hadoop.hive.cli.CliDriver.executeDriver(CliDriver.java:756)
at org.apache.hadoop.hive.cli.CliDriver.run(CliDriver.java:675)
at org.apache.hadoop.hive.cli.CliDriver.main(CliDriver.java:615)
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)
)
hive> CREATE external TABLE hbase_flight_new_690(fno_690 int, fsource_690
string,fdest_690 string,fsh_at_690 string,fsh_dt_690
> string,delay_690 int)
> STORED BY 'org.apache.hadoop.hive.hbase.HBaseStorageHandler'
> WITH SERDEPROPERTIES ("hbase.columns.mapping" =
>
":key,finfo_690:source,finfo_690:dest,fsch_690:at,fsch_690:dt,fsch_690:delay,delay_690:dl")
> TBLPROPERTIES ("hbase.table.name" = "flight_690");
FAILED: Execution Error, return code 1 from org.apache.hadoop.hive.ql.exec.DDLTask.
java.lang.RuntimeException:

```

```
MetaException(message:org.apache.hadoop.hive.serde2.SerDeException
org.apache.hadoop.hive.hbase.HBaseSerDe: columns has 6 elements while
hbase.columns.mapping has 7 elements (counting the key if implicit))
hive> [cloudera@quickstart ~]$ hbase shell
2023-03-24 00:04:49,498 INFO [main] Configuration.deprecation: hadoop.native.lib is
deprecated. Instead, use io.native.lib.available
HBase Shell; enter 'help<RETURN>' for list of supported commands.
Type "exit<RETURN>" to leave the HBase Shell
Version 1.0.0-cdh5.4.2, rUnknown, Tue May 19 17:07:29 PDT 2015
```

```
hbase(main):001:0> show tables
NameError: undefined local variable or method `tables' for #<Object:0x3ba5ceb1>
```

```
hbase(main):002:0> show 'flight_690'
NoMethodError: undefined method `show' for #<Object:0x3ba5ceb1>
```

```
hbase(main):003:0> show table flight_690
NameError: undefined local variable or method `flight_690' for #<Object:0x3ba5ceb1>
```

```
hbase(main):004:0> show table 'flight_690'
NoMethodError: undefined method `table' for #<Object:0x3ba5ceb1>
```

```
hbase(main):005:0> list
TABLE
emphive
emphive_690
flight
flight1
flight_690
flightinfo
flights
7 row(s) in 0.2170 seconds
```

```
=> ["emphive", "emphive_690", "flight", "flight1", "flight_690", "flightinfo", "flights"]
hbase(main):006:0> describe 'flight_690'
Table flight_690 is ENABLED
flight_690
COLUMN FAMILIES DESCRIPTION
{NAME => 'finfo_690', DATA_BLOCK_ENCODING => 'NONE', BLOOMFILTER => 'ROW',
REPLI
CATION_SCOPE => '0', COMPRESSION => 'NONE', VERSIONS => '1', TTL => 'FOREVER', M
IN_VERSIONS => '0', KEEP_DELETED_CELLS => 'FALSE', BLOCKSIZE => '65536',
IN_MEMO
RY => 'false', BLOCKCACHE => 'true'}
```

```
{NAME => 'fsch_690', DATA_BLOCK_ENCODING => 'NONE', BLOOMFILTER => 'ROW',
REPLIC
ATION_SCOPE => '0', COMPRESSION => 'NONE', VERSIONS => '1', TTL => 'FOREVER', MI
N_VERSIONS => '0', KEEP_DELETED_CELLS => 'FALSE', BLOCKSIZE => '65536',
IN_MEMOR
Y => 'false', BLOCKCACHE => 'true'}
2 row(s) in 0.1580 seconds
```

hbase(main):007:0> scan 'flight\_690'

ROW	COLUMN+CELL
1	column=finfo_690:dest, timestamp=1677826570605, value=mumbai
1	column=finfo_690:source, timestamp=1677826540798, value=pune
1	column=fsch_690:at, timestamp=1677826626973, value=10.25a.m
1	column=fsch_690:delay, timestamp=1677826664481, value=5min
1	column=fsch_690:dt, timestamp=1677826647378, value=11.25a.m
2	column=finfo_690:dest, timestamp=1677826814332, value=Kolka
2	column=finfo_690:source, timestamp=1677826695051, value=pune
2	column=fsch_690:at, timestamp=1677826838336, value=7.00a.m
2	column=fsch_690:delay, timestamp=1677826931798, value=2 min
2	column=fsch_690:dt, timestamp=1677826868586, value=7.30a.m
3	column=finfo_690:dest, timestamp=1677826992536, value=Pune
3	column=finfo_690:source, timestamp=1677826981721, value=Mumbai
3	column=fsch_690:at, timestamp=1677827050650, value=12.30p.m
3	column=fsch_690:delay, timestamp=1677827093940, value=1 min
3	column=fsch_690:dt, timestamp=1677827063345, value=12.45p.m
4	column=finfo_690:dest, timestamp=1677827139558, value=delhi
4	column=finfo_690:source, timestamp=1677827119668, value=mumbai
4	column=fsch_690:at, timestamp=1677827160760, value=2.00p.m
4	column=fsch_690:delay, timestamp=1677827196616, value=10 min
4	column=fsch_690:dt, timestamp=1677827175348, value=2.45p.m

4 row(s) in 0.2330 seconds

hbase(main):008:0> alter 'flight\_690',NAME=>'delay'

Updating all regions with the new schema...

0/1 regions updated.

1/1 regions updated.

Done.

0 row(s) in 2.2460 seconds

hbase(main):009:0> put 'flight\_690',1,'delay:dl',60

0 row(s) in 0.0580 seconds

hbase(main):010:0> put 'flight\_690',2,'delay:dl',70

0 row(s) in 0.0110 seconds

hbase(main):011:0> put 'flight\_690',3,'delay:dl',80

0 row(s) in 0.0040 seconds

hbase(main):012:0> put 'flight\_690',4,'delay:dl',90

0 row(s) in 0.0060 seconds

hbase(main):013:0> scan 'flight\_690'

ROW	COLUMN+CELL
1	column=delay:dl, timestamp=1679643015760, value=60
1	column=finfo_690:dest, timestamp=1677826570605, value=mumbai
1	column=finfo_690:source, timestamp=1677826540798, value=pune
1	column=fsch_690:at, timestamp=1677826626973, value=10.25a.m
1	column=fsch_690:delay, timestamp=1677826664481, value=5min
1	column=fsch_690:dt, timestamp=1677826647378, value=11.25a.m
2	column=delay:dl, timestamp=1679643034539, value=70
2	column=finfo_690:dest, timestamp=1677826814332, value=Kolkata
2	column=finfo_690:source, timestamp=1677826695051, value=pune
2	column=fsch_690:at, timestamp=1677826838336, value=7.00a.m
2	column=fsch_690:delay, timestamp=1677826931798, value=2 min
2	column=fsch_690:dt, timestamp=1677826868586, value=7.30a.m
3	column=delay:dl, timestamp=1679643043565, value=80
3	column=finfo_690:dest, timestamp=1677826992536, value=Pune

```

3      column=finfo_690:source, timestamp=1677826981721, value=Mum
    bai
3      column=fsch_690:at, timestamp=1677827050650, value=12.30p.
    m
3      column=fsch_690:delay, timestamp=1677827093940, value=1 mi
    n
3      column=fsch_690:dt, timestamp=1677827063345, value=12.45p.
    m
4      column=delay:dl, timestamp=1679643051330, value=90
4      column=finfo_690:dest, timestamp=1677827139558, value=delh
    i
4      column=finfo_690:source, timestamp=1677827119668, value=mum
    bai
4      column=fsch_690:at, timestamp=1677827160760, value=2.00p.m
4      column=fsch_690:delay, timestamp=1677827196616, value=10 m
    in
4      column=fsch_690:dt, timestamp=1677827175348, value=2.45p.m
4 row(s) in 0.0710 seconds

```

```
hbase(main):014:0> [cloudera@quickstart ~]$ hive
```

Logging initialized using configuration in file:/etc/hive/conf.dist/hive-log4j.properties

WARNING: Hive CLI is deprecated and migration to Beeline is recommended.

```
hive> CREATE external TABLE hbase_flight_new_690(fno int, fsource string,fdest string,fsh_at
string,fsh_dt string,fsch_delay string,delay int) STORED by
```

```
'org.apache.hadoop.hive.hbase.HBaseStorageHandler' WITH SERDEPROPERTIES
```

```
("hbase.columns.mapping" =
```

```
":key,finfo_690:source,finfo_690:dest,fsch_690:at,fsch_690:dt,fsch_690:delay,delay:dl")
```

```
TBLPROPERTIES ("hbase.table.name" = "flight_690");
```

```
OK
```

```
Time taken: 3.189 seconds
```

```
hive> select * from hbase_flight_new
```

```
> ;
```

```
FAILED: SemanticException [Error 10001]: Line 1:14 Table not found 'hbase_flight_new'
```

```
hive> select * from hbase_flight_new_690;
```

```
OK
```

```
1 pune mumbai 10.25a.m 11.25a.m 5min 60
```

```
2 pune Kolkata 7.00a.m 7.30a.m 2 min 70
```

```
3 Mumbai Pune 12.30p.m 12.45p.m 1 min 80
```

```
4 mumbai delhi 2.00p.m 2.45p.m 10 min 90
```

```
Time taken: 1.101 seconds, Fetched: 4 row(s)
```

```
hive> select sum(delay) from hbase_flight_new_690;
```

```
Query ID = cloudera_20230324003838_d399d349-6790-4fa2-8788-167dec58055f
```

```
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\_1679639150663\_0001, Tracking URL =

[http://quickstart.cloudera:8088/proxy/application\\_1679639150663\\_0001/](http://quickstart.cloudera:8088/proxy/application_1679639150663_0001/)

Kill Command = /usr/lib/hadoop/bin/hadoop job -kill job\_1679639150663\_0001

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

2023-03-24 00:38:29,569 Stage-1 map = 0%, reduce = 0%

2023-03-24 00:38:45,483 Stage-1 map = 100%, reduce = 0%, Cumulative CPU 2.05 sec

2023-03-24 00:39:00,916 Stage-1 map = 100%, reduce = 100%, Cumulative CPU 2.05 sec

MapReduce Total cumulative CPU time: 2 seconds 50 msec

Ended Job = job\_1679639150663\_0001

MapReduce Jobs Launched:

Stage-Stage-1: Map: 1 Reduce: 1 Cumulative CPU: 3.61 sec HDFS Read: 7681 HDFS

Write: 4 SUCCESS

Total MapReduce CPU Time Spent: 3 seconds 610 msec

OK

300

Time taken: 58.587 seconds, Fetched: 1 row(s)

hive> select avg(delay) from hbase\_flight\_new\_690;

Query ID = cloudera\_20230324003939\_6d4f23d5-33dc-4695-b15f-6b0f05ba1cef

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\_1679639150663\_0002, Tracking URL =

[http://quickstart.cloudera:8088/proxy/application\\_1679639150663\\_0002/](http://quickstart.cloudera:8088/proxy/application_1679639150663_0002/)

Kill Command = /usr/lib/hadoop/bin/hadoop job -kill job\_1679639150663\_0002

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

2023-03-24 00:40:03,804 Stage-1 map = 0%, reduce = 0%

2023-03-24 00:40:18,186 Stage-1 map = 100%, reduce = 0%, Cumulative CPU 2.45 sec

2023-03-24 00:40:31,374 Stage-1 map = 100%, reduce = 100%, Cumulative CPU 4.01 sec

MapReduce Total cumulative CPU time: 4 seconds 10 msec

Ended Job = job\_1679639150663\_0002

MapReduce Jobs Launched:

Stage-Stage-1: Map: 1 Reduce: 1 Cumulative CPU: 4.01 sec HDFS Read: 8139 HDFS Write: 5 SUCCESS

Total MapReduce CPU Time Spent: 4 seconds 10 msec

OK

75.0

Time taken: 45.407 seconds, Fetched: 1 row(s)

```
hive> CREATE INDEX hbaseflightnew_index ON TABLE hbase_flight_new_690 (delay) AS
'org.apache.hadoop.hive.ql.index.compact.CompactIndexHandler' WITH DEFERRED
REBUILD;
```

OK

Time taken: 0.737 seconds

```
hive> SHOW INDEX ON hbase_flight_new_690;
```

OK

```
hbaseflightnew_index    hbase_flight_new_690 delay
default__hbase_flight_new_690_hbaseflightnew_index__ compact
```

Time taken: 0.15 seconds, Fetched: 1 row(s)

```
hive> [cloudera@quickstart ~]$ list
```

bash: list: command not found

```
[cloudera@quickstart ~]$ hbase shell
```

2023-03-24 00:52:30,630 INFO [main] Configuration.deprecation: hadoop.native.lib is deprecated. Instead, use io.native.lib.available

HBase Shell; enter 'help<RETURN>' for list of supported commands.

Type "exit<RETURN>" to leave the HBase Shell

Version 1.0.0-cdh5.4.2, rUnknown, Tue May 19 17:07:29 PDT 2015

```
hbase(main):001:0> list
```

TABLE

emphive

emphive\_690

flight

flight1

flight\_690

flightinfo

flights

7 row(s) in 0.4020 seconds

```
=> ["emphive", "emphive_690", "flight", "flight1", "flight_690", "flightinfo", "flights"]
```

```
hbase(main):002:0> describe 'flight_690'
```

Table flight\_690 is ENABLED

flight\_690

COLUMN FAMILIES DESCRIPTION

```
{NAME => 'delay', DATA_BLOCK_ENCODING => 'NONE', BLOOMFILTER => 'ROW',
REPLICATION_SCOPE => '0', COMPRESSION => 'NONE', VERSIONS => '1', TTL =>
'FOREVER', MIN_VERSIONS => '0', KEEP_DELETED
_CELLS => 'FALSE', BLOCKSIZE => '65536', IN_MEMORY => 'false', BLOCKCACHE => 'true'}
{NAME => 'finfo_690', DATA_BLOCK_ENCODING => 'NONE', BLOOMFILTER => 'ROW',
REPLICATION_SCOPE => '0', COMPRESSION => 'NONE', VERSIONS => '1', TTL =>
'FOREVER', MIN_VERSIONS => '0', KEEP_DELE
ETED_CELLS => 'FALSE', BLOCKSIZE => '65536', IN_MEMORY => 'false', BLOCKCACHE =>
'true'}
{NAME => 'fsch_690', DATA_BLOCK_ENCODING => 'NONE', BLOOMFILTER => 'ROW',
REPLICATION_SCOPE => '0', COMPRESSION => 'NONE', VERSIONS => '1', TTL =>
'FOREVER', MIN_VERSIONS => '0', KEEP_DELE
TED_CELLS => 'FALSE', BLOCKSIZE => '65536', IN_MEMORY => 'false', BLOCKCACHE =>
'true'}
3 row(s) in 0.2410 seconds
```

hbase(main):003:0> scan 'flight\_690'

ROW	COLUMN+CELL
1	column=delay:dl, timestamp=1679643015760, value=60
1	column=finfo_690:dest, timestamp=1677826570605,
value=mumbai	
1	column=finfo_690:source, timestamp=1677826540798,
value=pune	
1	column=fsch_690:at, timestamp=1677826626973,
value=10.25a.m	
1	column=fsch_690:delay, timestamp=1677826664481,
value=5min	
1	column=fsch_690:dt, timestamp=1677826647378,
value=11.25a.m	
2	column=delay:dl, timestamp=1679643034539, value=70
2	column=finfo_690:dest, timestamp=1677826814332,
value=Kolkata	
2	column=finfo_690:source, timestamp=1677826695051,
value=pune	
2	column=fsch_690:at, timestamp=1677826838336,
value=7.00a.m	
2	column=fsch_690:delay, timestamp=1677826931798, value=2
min	
2	column=fsch_690:dt, timestamp=1677826868586,
value=7.30a.m	
3	column=delay:dl, timestamp=1679643043565, value=80
3	column=finfo_690:dest, timestamp=1677826992536,
value=Pune	

3	column=finfo_690:source, timestamp=1677826981721,
value=Mumbai	
3	column=fsch_690:at, timestamp=1677827050650,
value=12.30p.m	
3	column=fsch_690:delay, timestamp=1677827093940, value=1
min	
3	column=fsch_690:dt, timestamp=1677827063345,
value=12.45p.m	
4	column=delay:dl, timestamp=1679643051330, value=90
4	column=finfo_690:dest, timestamp=1677827139558,
value=delhi	
4	column=finfo_690:source, timestamp=1677827119668,
value=mumbai	
4	column=fsch_690:at, timestamp=1677827160760,
value=2.00p.m	
4	column=fsch_690:delay, timestamp=1677827196616, value=10
min	
4	column=fsch_690:dt, timestamp=1677827175348,
value=2.45p.m	
4 row(s) in 0.3710 seconds	

hbase(main):004:0> create 'flight\_96','finfo','fsch'

0 row(s) in 0.4740 seconds

=> Hbase::Table - flight\_96

hbase(main):005:0> put