**1. textfile**

create table if not exists emp\_details(emp\_no int,

emp\_name string,

sal int,

rating int) row format delimited fields terminated by ',' stored as textfile;

load data inpath '/user/hive/warehouse/employee\_details.txt' into table emp\_details;

desc emp\_details;

OK

emp\_no int

emp\_name string

sal int

rating int

desc formatted emp\_details;

OK

# col\_name data\_type comment

emp\_no int

emp\_name string

sal int

rating int

# Detailed Table Information

Database: acadgild

Owner: acadgild

CreateTime: Tue Oct 04 20:28:09 IST 2016

LastAccessTime: UNKNOWN

Protect Mode: None

Retention: 0

Location: hdfs://localhost:9000/user/hive/warehouse/acadgild.db/emp\_details

Table Type: MANAGED\_TABLE

Table Parameters:

COLUMN\_STATS\_ACCURATE true

numFiles 1

totalSize 273

transient\_lastDdlTime 1475593117

# Storage Information

SerDe Library: org.apache.hadoop.hive.serde2.lazy.LazySimpleSerDe

InputFormat: org.apache.hadoop.mapred.TextInputFormat

OutputFormat: org.apache.hadoop.hive.ql.io.HiveIgnoreKeyTextOutputFormat

Compressed: No

Num Buckets: -1

Bucket Columns: []

Sort Columns: []

Storage Desc Params:

field.delim ,

serialization.format ,

Time taken: 0.188 seconds, Fetched: 33 row(s)

**select \* from emp\_details;**

101 Amitabh 20000 1

102 Shahrukh 10000 2

103 Akshay 11000 3

104 Anubhav 5000 4

105 Pawan 2500 5

106 Aamir 25000 1

107 Salman 17500 2

108 Ranbir 14000 3

109 Katrina 1000 4

110 Priyanka 2000 5

111 Tushar 500 1

112 Ajay 5000 2

113 Jubeen 1000 1

114 Madhuri 2000 2

**2. Sequencefile**

create table if not exists emp\_details\_seq(emp\_no int,

emp\_name string,

sal int,

rating int) row format delimited fields terminated by ',' stored as SEQUENCEFILE;

desc emp\_details\_seq;

emp\_no int

emp\_name string

sal int

rating int

desc formatted emp\_details\_seq;

OK

# col\_name data\_type comment

emp\_no int

emp\_name string

sal int

rating int

# Detailed Table Information

Database: acadgild

Owner: acadgild

CreateTime: Tue Oct 04 20:34:11 IST 2016

LastAccessTime: UNKNOWN

Protect Mode: None

Retention: 0

Location: hdfs://localhost:9000/user/hive/warehouse/acadgild.db/emp\_details\_seq

Table Type: MANAGED\_TABLE

Table Parameters:

COLUMN\_STATS\_ACCURATE true

numFiles 1

numRows 14

rawDataSize 247

totalSize 516

transient\_lastDdlTime 1475593558

# Storage Information

SerDe Library: org.apache.hadoop.hive.serde2.lazy.LazySimpleSerDe

InputFormat: org.apache.hadoop.mapred.SequenceFileInputFormat

OutputFormat: org.apache.hadoop.hive.ql.io.HiveSequenceFileOutputFormat

Compressed: No

Num Buckets: -1

Bucket Columns: []

Sort Columns: []

Storage Desc Params:

field.delim ,

serialization.format ,

Time taken: 0.282 seconds, Fetched: 35 row(s)

INSERT OVERWRITE TABLE emp\_details\_seq

SELECT \* FROM emp\_details;

select \* from emp\_details\_seq;

OK

101 Amitabh 20000 1

102 Shahrukh 10000 2

103 Akshay 11000 3

104 Anubhav 5000 4

105 Pawan 2500 5

106 Aamir 25000 1

107 Salman 17500 2

108 Ranbir 14000 3

109 Katrina 1000 4

110 Priyanka 2000 5

111 Tushar 500 1

112 Ajay 5000 2

113 Jubeen 1000 1

114 Madhuri 2000 2

**3. RCFILE**

create table if not exists emp\_details\_rcfile(emp\_no int,

emp\_name string,

sal int,

rating int) row format delimited fields terminated by ',' stored as RCFILE;

desc emp\_details\_rcfile;

OK

emp\_no int

emp\_name string

sal int

rating int

desc formatted emp\_details\_rcfile;

OK

# col\_name data\_type comment

emp\_no int

emp\_name string

sal int

rating int

# Detailed Table Information

Database: acadgild

Owner: acadgild

CreateTime: Tue Oct 04 20:42:05 IST 2016

LastAccessTime: UNKNOWN

Protect Mode: None

Retention: 0

Location: hdfs://localhost:9000/user/hive/warehouse/acadgild.db/emp\_details\_rcfile

Table Type: MANAGED\_TABLE

Table Parameters:

transient\_lastDdlTime 1475593925

# Storage Information

SerDe Library: org.apache.hadoop.hive.serde2.columnar.LazyBinaryColumnarSerDe

InputFormat: org.apache.hadoop.hive.ql.io.RCFileInputFormat

OutputFormat: org.apache.hadoop.hive.ql.io.RCFileOutputFormat

Compressed: No

Num Buckets: -1

Bucket Columns: []

Sort Columns: []

Storage Desc Params:

field.delim ,

serialization.format ,

Time taken: 0.188 seconds, Fetched: 30 row(s)

INSERT OVERWRITE TABLE emp\_details\_rcfile

SELECT \* FROM emp\_details;

select \* from emp\_details\_rcfile;

OK

101 Amitabh 20000 1

102 Shahrukh 10000 2

103 Akshay 11000 3

104 Anubhav 5000 4

105 Pawan 2500 5

106 Aamir 25000 1

107 Salman 17500 2

108 Ranbir 14000 3

109 Katrina 1000 4

110 Priyanka 2000 5

111 Tushar 500 1

112 Ajay 5000 2

113 Jubeen 1000 1

114 Madhuri 2000 2

**4. ORCFILE**

create table if not exists emp\_details\_orcfile(emp\_no int,

emp\_name string,

sal int,

rating int) row format delimited fields terminated by ',' stored as ORCFILE;

desc emp\_details\_orcfile;

OK

emp\_no int

emp\_name string

sal int

rating int

desc formatted emp\_details\_orcfile;

OK

# col\_name data\_type comment

emp\_no int

emp\_name string

sal int

rating int

# Detailed Table Information

Database: acadgild

Owner: acadgild

CreateTime: Tue Oct 04 20:59:14 IST 2016

LastAccessTime: UNKNOWN

Protect Mode: None

Retention: 0

Location: hdfs://localhost:9000/user/hive/warehouse/acadgild.db/emp\_details\_orcfile

Table Type: MANAGED\_TABLE

Table Parameters:

transient\_lastDdlTime 1475594954

# Storage Information

SerDe Library: org.apache.hadoop.hive.ql.io.orc.OrcSerde

InputFormat: org.apache.hadoop.hive.ql.io.orc.OrcInputFormat

OutputFormat: org.apache.hadoop.hive.ql.io.orc.OrcOutputFormat

Compressed: No

Num Buckets: -1

Bucket Columns: []

Sort Columns: []

Storage Desc Params:

field.delim ,

serialization.format ,

Time taken: 0.283 seconds, Fetched: 30 row(s)

INSERT OVERWRITE TABLE emp\_details\_orcfile

SELECT \* FROM emp\_details;

select \* from emp\_details\_orcfile;

OK

101 Amitabh 20000 1

102 Shahrukh 10000 2

103 Akshay 11000 3

104 Anubhav 5000 4

105 Pawan 2500 5

106 Aamir 25000 1

107 Salman 17500 2

108 Ranbir 14000 3

109 Katrina 1000 4

110 Priyanka 2000 5

111 Tushar 500 1

112 Ajay 5000 2

113 Jubeen 1000 1

114 Madhuri 2000 2