

Partitioning In HIVE:

Static Partitioning or Mannual Partitiioning:

1.Create a DataBase:

```
hive> create database part;  
OK  
Time taken: 6.845 seconds  
hive> show databases;  
OK  
default  
part  
std
```

2.create a table (partitioning)

```
hive> create table movie_part(id int,name string,datede string,rating string)  
    > partitioned by (genre string)  
    > row format delimited  
    > fields terminated by ',';  
OK  
Time taken: 0.418 seconds  
hive> describe movie_part;  
OK  
id      int  
name    string  
datede  string  
rating  string  
genre   string  
Time taken: 0.226 seconds
```

3.Load the data set in table:

```
hive> load data inpath 'part/comedy.txt' into table movie_part
      > partition(genre="comedy");
Loading data to table part.movie_part partition (genre=comedy)
OK
Time taken: 0.958 seconds
```

```

[training@localhost data]$ hadoop fs -ls /user/hive/warehouse/part.db/movie_part
Found 1 items
drwxr-xr-x  - training supergroup          0 2023-03-07 20:50 /user/hive/wareho
use/part.db/movie_part/genre=comedy
[training@localhost data]$ █
```

4.Show the contact:

```
hive> select *from movie_part limit 5;
```

```
OK
```

1	Toy Story (1995)	01-Jan-1995	http://us.imdb.com/M/title-exact?Toy%20Story%20(1995)	comedy
4	Get Shorty (1995)	01-Jan-1995	http://us.imdb.com/M/title-exact?Get%20Shorty%20(1995)	comedy
8	Babe (1995)	01-Jan-1995	http://us.imdb.com/M/title-exact?Babe%20(1995)	comedy
13	Mighty Aphrodite (1995)	30-Oct-1995	http://us.imdb.com/M/title-exact?Mighty%20Aphrodite%20(1995)	comedy
16	French Twist (Gazon maudit) (1995)	01-Jan-1995	http://us.imdb.com/M/title-exact?Gazon%20maudit%20(1995)	

```
comedy
```

```
Time taken: 0.581 seconds
```

```
hive> █
```
