# Hive常用命令

#创建新表

hive> CREATE TABLE t\_hive (a int, b int, c int) ROW FORMAT DELIMITED FIELDS TERMINATED BY '\t';

#导入数据t\_hive.txt到t\_hive表

hive> LOAD DATA LOCAL INPATH '/home/cos/demo/t\_hive.txt' OVERWRITE INTO TABLE t\_hive ;

#正则匹配表名

hive>show tables '\*t\*';

#增加一个字段

hive> ALTER TABLE t\_hive ADD COLUMNS (new\_col String);

#重命令表名

hive> ALTER TABLE t\_hive RENAME TO t\_hadoop;

#从HDFS加载数据

hive> LOAD DATA INPATH '/user/hive/warehouse/t\_hive/t\_hive.txt' OVERWRITE INTO TABLE t\_hive2;

#从其他表导入数据

hive> INSERT OVERWRITE TABLE t\_hive2 SELECT \* FROM t\_hive ;

#创建表并从其他表导入数据

hive> CREATE TABLE t\_hive AS SELECT \* FROM t\_hive2 ;

#仅复制表结构不导数据

hive> CREATE TABLE t\_hive3 LIKE t\_hive;

#通过Hive导出到本地文件系统

hive> INSERT OVERWRITE LOCAL DIRECTORY '/tmp/t\_hive' SELECT \* FROM t\_hive;

#Hive查询HiveQL

from ( select b,c as c2 from t\_hive) t select t.b, t.c2 limit 2;

select b,c from t\_hive limit 2;

#创建视图

hive> CREATE VIEW v\_hive AS SELECT a,b FROM t\_hive;

#删表

drop table if exists t\_hft;

#创建分区表

DROP TABLE IF EXISTS t\_hft;  
CREATE TABLE t\_hft(  
SecurityID STRING,  
tradeTime STRING,  
PreClosePx DOUBLE  
) PARTITIONED BY (tradeDate INT)  
ROW FORMAT DELIMITED FIELDS TERMINATED BY ',';

#导入分区数据

hive> load data local inpath '/home/BlueBreeze/data/t\_hft\_1.csv' overwrite into table t\_hft partition(tradeDate=20130627);

#查看分区表

hive> SHOW PARTITIONS t\_hft;