

# CREATE DATABASE:

```
show databases;

CREATE DATABASE stocks_db;

USE stocks_db;
```

# CREATE TABLE:

Table 1: (EXAMPLE OF EXTERNAL TABLE)

```
CREATE EXTERNAL TABLE IF NOT EXISTS stocks(

    exch STRING,

    symbol STRING,

    ymd STRING,

    price_open FLOAT,

    price_high FLOAT,

    price_low FLOAT,

    price_close FLOAT,

    volume INT,

    price_adj_close FLOAT)

ROW FORMAT DELIMITED FIELDS TERMINATED BY ','

TBLPROPERTIES ('creator'='hirw', 'created_on' = '2015-02-16', 'description'='This table holds stocks data!!!');
```

Table 2: (EXAMPLE of MANAGE TABLE)

```
create table studentData(

    age int,

    gender string,

    name string,

    course string,

    roll int,

    marks int,

    email string)

row format delimited

fields terminated by ','

TBLPROPERTIES ("skip.header.line.count"="1");
```

Table 3: (EXAMPLE of MANAGE TABLE)

```
CREATE EXTERNAL TABLE IF NOT EXISTS dividends (  
  
  exch STRING,  
  
  symbol STRING,  
  
  ymd STRING,  
  
  dividend FLOAT  
  
  )  
  
ROW FORMAT DELIMITED FIELDS TERMINATED BY '\t'  
  
LOCATION '/data/dividends.txt';
```

## DESCRIBE & DROP TABLE

```
DESCRIBE FORMATTED stocks;  
  
DROP DATABASE stocks_db;  
  
DROP TABLE stocks;  
  
DROP DATABASE stocks_db CASCADE;
```

## LOADING DATA INTO HIVE TABLES

```
LOAD DATA INPATH '/input/stocks.txt' INTO TABLE stocks;
```

Using Local Directory

```
LOAD DATA LOCAL INPATH '/input/stocks.txt' INTO TABLE stocks;
```

```
load data local inpath '/home/aritra/Desktop/files/StudentData.csv' overwrite into table studentData;
```

## DIFFERENT WAY LOADING DATA INTO HIVE TABLES:

```
CREATE TABLE stocks_ctas AS SELECT * FROM stocks; (Creating views)
```

```
INSERT INTO TABLE stocks_ctas SELECT s.* FROM stocks s;
```

```
INSERT OVERWRITE TABLE stocks_ctas SELECT s.* FROM stocks s;
```

## RENAME HIVE TABLE:

```
ALTER TABLE stock RENAME TO stocks;
```