HIVEQL

cd $HIVE\_HOME

Cd bin

Hive

CREATE DATABASE IF NOT EXISTS hive\_assignment;

Use hive\_assignment;

CREATE TABLE IF NOT EXISTS flight (

id INT,

source STRING,

dest STRING,

at STRING,

dt STRING,

delay INT

)

ROW FORMAT DELIMITED

FIELDS TERMINATED BY ','

STORED AS TEXTFILE

LOCATION '/home/hduser/Desktop/flight';

load data local inpath '/home/hduser/Desktop/flight.csv' into table flight;

select \* from flight;

CREATE INDEX flight\_index

ON TABLE flight(delay)

AS 'org.apache.hadoop.hive.ql.index.compact.CompactIndexHandler'

WITH DEFERRED REBUILD;

show index on flight;

select avg(delay) from flight;

CREATE TABLE IF NOT EXISTS airport (

id INT,

name STRING,

no\_of\_flights INT

);

INSERT INTO airport (id, name, no\_of\_flights) VALUES

(1, 'New York', 35),

(2, 'London', 42),

(3, 'Paris', 25),

(4, 'Madrid', 30),

(5, 'Berlin', 20),

(6, 'Los Angeles', 45),

(7, 'San Francisco', 38),

(8, 'Seattle', 12),

(9, 'Chicago', 47);

SELECT f.dest AS destination, [a.name](http://a.name) AS name, a.no\_of\_flights AS no\_of\_flights

FROM flight f

JOIN airport a ON f.source = [a.name](http://a.name);

SELECT f.\*, a.\*

FROM flight f

JOIN airport a ON f.source = a.name;