# **Book Project**

### **Create and Load data in tables**

#### ♣ Create Book Ratings table and Load data into it

create table if not exists bookratings
(userid string, isbn string, bookrating string)
ROW FORMAT SERDE 'org.apache.hadoop.hive.serde2.OpenCSVSerde'
WITH SERDEPROPERTIES (
"separatorChar" = "\;",
"quoteChar" = '\"'
) LOCATION '/user/praveenkum79edu/Book\_Analysis';

Load data inpath '/user/praveenkum79edu/Book\_Data/BX-Book-Ratings.csv' INTO TABLE bookratings;



## **♣** Create Books Table and load data in to it

create table if not exists bookstable
(isbn string, title string, author string, year string, publisher string,urls
string,urlm string,urll string)
ROW FORMAT SERDE 'org.apache.hadoop.hive.serde2.OpenCSVSerde'
WITH SERDEPROPERTIES (
"separatorChar" = "\;",
"quoteChar" = "\""
) LOCATION '/user/praveenkum79edu/Books\_new\_Analysis'
tblproperties ("skip.header.line.count"="1");

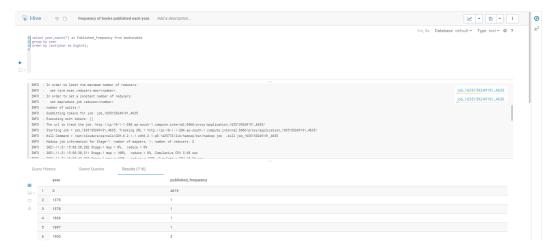
Load data inpath '/user/praveenkum79edu/Book\_Data/BX-Books.csv' INTO TABLE bookstable;



# **Problem Statement**

Find out the frequency of books published each year. (Hint: Use Boooks.csv file for this)

select year,count(\*) as Published\_Frequency from bookstable
group by year
order by cast(year as bigint);



Find out in which year maximum number of books were published

select year, count(\*) as A from bookstable group by year order by A desc limit 1



Find out how many book were published based on ranking in the year 2002. (Hint: Use Book.csv and Book-Ratings.csv)

select bookrating, count(\*) from bookstable join bookratings on bookstable.isbn=bookratings.isbn where year=2002 group by bookratings.bookrating;

