**PigStorage() in Apache Pig**

PigStorage() is the **default** **data loader and storage function** in Apache Pig. It is used to **read and write** data in a structured format using a **delimiter** (like ,, \t, |, etc.).

John,25,New York

Alice,30,Los Angeles

Bob,17,Chicago

Eve,40,New York

Tom,15,San Francisco

Pig Script

-- Load the data from the text file

employees = LOAD 'employees.txt' USING PigStorage(',') AS (name:chararray, age:int, city:chararray);

-- Filter employees who are 18 or older

adults = FILTER employees BY age >= 18;

-- Group by city

grouped\_by\_city = GROUP adults BY city;

-- Count the number of employees in each city

city\_count = FOREACH grouped\_by\_city GENERATE group AS city, COUNT(adults) AS total\_people;

-- Store the result in an output file

STORE city\_count INTO 'output' USING PigStorage(',');

>pig -x local employee\_analysis.pig

Sort Employees by Age

employees = LOAD 'employees.txt' USING PigStorage(',') AS (name:chararray, age:int, city:chararray);

sorted\_employees = ORDER employees BY age DESC;

STORE sorted\_employees INTO 'output' USING PigStorage(',');