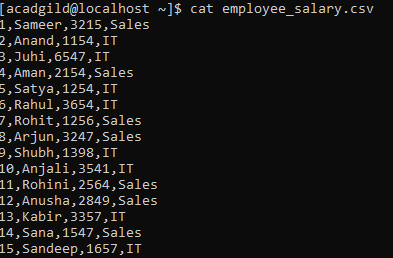
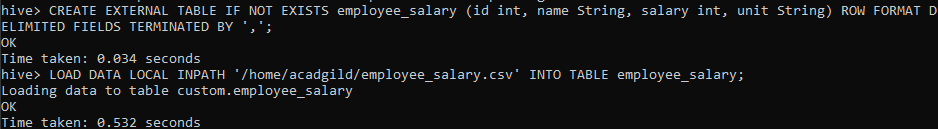
**Assignment 3.4**

Note : Since no data is provided, using following dataset



CREATE EXTERNAL TABLE IF NOT EXISTS employee\_salary (id int, name String, salary int, unit String) ROW FORMAT DELIMITED FIELDS TERMINATED BY ',';

LOAD DATA LOCAL INPATH '/home/acadgild/employee\_salary.csv' INTO TABLE employee\_salary;



1. **Get a list of employees who receive a salary less than 100, compared to their immediate employee with higher salary in the same unit**

WITH temp as ( SELECT id, name, salary, unit , LEAD(salary,1) OVER (PARTITION BY unit ORDER BY salary) - salary AS salary\_diff FROM employee\_salary) SELECT \* FROM temp WHERE salary\_diff < 100;





1. **List of all employees who draw higher salary than the average salary of that department**

select \* from employee\_salary a WHERE salary > (SELECT avg(salary) FROM employee\_salary b where b.unit = a.unit GROUP BY unit);



