Assignment 16.1

Associated Data Files

N/A

Load data

CREATE TABLE emp\_data(

emp\_name String,

salary INT,

dept String

) ROW FORMAT DELIMITED FIELDS TERMINATED BY '\t' STORED AS TEXTFILE;

load data inpath '/user/ec2-user/hive\_input\_files/emp\_sal.txt' into table emp\_data;

5. Problem Statement

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**

select emp\_name,salary,next\_high FROM(

select emp\_name,salary,LEAD(salary) OVER (partition by dept order by salary) as next\_high

from emp\_data

) temp where next\_high-salary<100 ;

2**. List of all employees who draw higher salary than the average salary**

**of that department**

select emp\_name,dept,salary,avg FROM(

select emp\_name,dept,salary,avg(salary) OVER(partition by dept) as avg from emp\_data

) temp where salary>avg;