Data Load Activity - 2nd assignment

**Create the full Table**

CREATE EXTERNAL TABLE employee\_sales

(

Age int,

Attrition string,

BusinessTravel string,

DailyRate int,

Department string,

DistanceFromHome int,

Education int,

EducationField string,

EmployeeCount int,

EmployeeNumber int,

EnvironmentSatisfaction int,

Gender string,

HourlyRate int,

JobInvolvement int,

JobLevel int,

JobRole string,

JobSatisfaction int,

MartialStatus string,

MonthlyIncome int,

MonthlyRate int,

NumCompaniesWorked int,

Over18 string,

OverTime string,

PercentSalaryHike int,

PerformanceRating int,

RelationshipSatisfaction int,

StandardHours int,

StockOptionLevel int,

TotalWorkingYears int,

TrainingTimesLastYear int,

WorkLifeBalance int,

YearsAtCompany int,

YearsInCurrentRole int,

YearsSinceLastPromotion int,

YearsWithCurrManager int

)

ROW FORMAT DELIMITED FIELDS TERMINATED BY ','

LINES TERMINATED BY '\n'

STORED AS TEXTFILE LOCATION '/Employee'

TBLPROPERTIES("skip.header.line.count"="1");

CREATE TABLE employee

(

MonthlyIncome int,

Attrition string,

Department string,

JobSatisfaction int

);

INSERT OVERWRITE TABLE employee

SELECT MonthlyIncome, Attrition, Department, JobSatisfaction

From employee\_sales;

SELECT \* FROM employee LIMIT 10;

INSERT OVERWRITE TABLE employee

SELECT ROUND(monthlyincome, -3) MonthlyIncome, Attrition, Department, JobSatisfaction

FROM employee;

INSERT OVERWRITE TABLE employee

SELECT \*

FROM employee

WHERE Department LIKE "Sales";

INSERT OVERWRITE TABLE employee

SELECT \*

FROM employee

ORDER BY JobSatisfaction DESC;