MODULE FOUR SOLUTION

**1a) Create a new table for your analysis called “employee\_sales”.**

CREATE TABLE employee\_sales

(

Attrition string,

Department string,

JobSatisfaction int,

MonthlyIncome int

);

**1b) Load the table "employee" into this table.**

INSERT OVERWRITE TABLE employee\_sales

SELECT Attrition, Department, JobSatisfaction, MonthlyIncome FROM employee;

**1c) Select these columns: Attrition, Department, JobSatisfaction & MonthlyIncome**

SELECT Attrition, Department, JobSatisfaction, MonthlyIncome

FROM employee\_sales LIMIT 10;

**2) Round the data found in the “MonthlyIncome” column to the nearest $1000.**

INSERT OVERWRITE TABLE employee\_sales

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

FROM employee\_sales;

**3) Filter the data to only look at those items in the “Sales Department”.**

INSERT OVERWRITE TABLE employee\_sales

SELECT \*

FROM employee\_sales

WHERE Department LIKE "%Sales Department%";

**4) Order the data by “JobSatisfaction” from highest to lowest.**

INSERT OVERWRITE TABLE employee\_sales

SELECT \*

FROM employee\_sales

ORDER BY JobSatisfaction DESC;