# **DATA TRANSFORM ACTIVITY**

1. a) Create a new table for your analysis called “employee\_sales”.
2. Load the table “employee” into this table.

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

**CREATE TABLE employee\_sales**

**(**

**Attrition string,**

**Department VARCHAR(500),**

**JobSatisfaction int,**

**MonthlyIncome int**

**);**

**INSERT OVERWRITE TABLE employee\_sales**

**SELECT Attrition, Department, JobSatisfaction, MonthlyIncome**

**FROM employee;**

**SELECT \* FROM employee\_sales LIMIT 10;**

2) Round the data found in the “MonthlyIncome” column to the nearest $1000. (HINT: the SQL function to round a number is ROUND(obs, -3))

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

**FROM employee\_sales;**

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

**SELECT \***

**FROM employee\_sales**

**WHERE Department LIKE "%Sales%";**

4) Order the data by “JobSatisfaction” from highest to lowest. (HINT: Use the DESC query)

**SELECT \***

**FROM employee\_sales**

**ORDER BY JobSatisfaction DESC;**