Data Analysis Tools for Analytics

DAT 1030

December 2, 2019

Data Archive Assignment (10%)

Munge Folder

Human Resources Analysis

“Uncover the factors that lead to employee attrition”

1. Create a new table called employee\_sales with the following columns: Attrition, Department, JobSatisfaction & MonthlyIncome

CREATE TABLE employee\_sales

(

Attrition int,

Department string,

Job\_satisfaction string,

Monthly\_income int

);

1. Round the data found in the “MonthlyIncome” column to the nearest $1000

INSERT OVERWRITE TABLE employee\_sales

Select ROUND Monthy\_income (obs, -3), attrition, department, job\_satisfaction

FROM survey\_consequences;

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

INSERT OVERWRITE TABLE employee\_sales

SELECT \*

FROM employee\_sales

WHERE department;

1. Order the data by “JobSatisfaction” from highest to lowest.

INSERT OVERWRITE TABLE employee\_sales

SELECT \*

FROM employee\_sales

ORDER BY Job\_satisfaction DESC;