Data Analysis Tools for Analytics

DAT 1030

December 2, 2019

Data Archive Assignment (10%)

SRC Folder

Human Resources Analysis

“Uncover the factors that lead to employee attrition”

1) Create 2 tables. The first table shows how many salespeople have attrition. Store this information in a column called “attrition”. The second table counts how many salespeople have no attrition. Store this information in a column called “Non Attrition”.

SELECT COUNT(attrition) AS attrition

FROM survey

WHERE attrition LIKE "%YES%”;

SELECT COUNT(attrition) AS non\_attrition

FROM survey

WHERE attrition LIKE "%NO%";

2) Create 3 statistics tables (average, min, max) showing the monthly income for: all salespeople, those with attrition and those without attrition. For each table, label the columns “average\_monthly\_income”, “min\_monthly\_income”, and “max\_monthly\_income”.

SELECT AVG(income) AS average\_ monthly\_income, MIN(income) AS min\_ monthly\_income, MAX(income) AS max\_ monthly\_income

FROM survey;

3) Create 2 tables containing the monthly income and count of salespeople making that monthly income for: salespeople with attrition and salespeople without attrition. Label the columns as: “monthlyincome” and “count”

SELECT attrition, COUNT(Monthly\_income) AS count

FROM survey

WHERE attrition LIKE “%YES%”

GROUP BY attrition;

SELECT attrition, COUNT(Monthly\_income) AS count

FROM survey

WHERE attrition LIKE “%NO%”

GROUP BY attrition;