Assignment 3 (**DA-M5-HR100-SL5)**

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”.

1. CREATE TABLE Attrition

(  
Attrition string,  
Department string,  
JobSatisfaction int,

MonthlyIncome int,  
);

SELECT COUNT (\*) As “Attrition\_Count”

FROM Attrition

WHERE Attrition LIKE “%Yes%”;

1.1 CREATE TABLE NonAttrition

(  
Attrition string,  
Department string,  
JobSatisfaction int,

MonthlyIncome int,  
);

SELECT COUNT (\*) As “NonAttrition\_Count”

FROM NonAttrition

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”.

1. SELECT AVG(Monthly\_Income) As “Average\_Monthly\_Income”, MIN(Monthly\_Income) As “Min\_ Monthly\_Income”, MAX(Monthly\_Income) As “Max\_Monthly\_Income”,

FROM Attrition

WHERE Attrition LIKE “%Yes%”;

* 1. SELECT AVG(Monthly\_Income) As Average\_Monthly\_Income, MIN(Monthly\_Income) As Min\_ Monthly\_Income, MAX(Monthly\_Income) As Max\_Monthly\_Income,

FROM NonAttrition

WHERE Attrition LIKE “%No%”;

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”

1. SELECT Department, COUNT (Sales) AS “MonthlyIncome”

FROM Attition AND NonAttrition

WHERE Attrition LIKE “%Yes%” AND NonAttrition LIKE “%NO%”

GROUP BY Count;