**Data Transform Activity: Module 4 March 4th, 2024**

W2-Data Analysis Tools for Analytics

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Unfortunately I have used all my credits on HDInsight, so I was unable to check my queries.

1. **Create table called employee\_sales from Employee data set already loaded into HDInsight.**

CREATE TABLE employee\_sales

(

Attrition string,

Department string,

JobSatisfaction int,

MonthlyIncome int,

);

1. **Round the data found in MonthlyIncome to the nearest $1,000.**

INSERT OVERWRITE TABLE employee\_sales

SELECT Attrition, Department, JobSatisfaction, ROUND (MonthlyIncome / 1000) \* AS rounded value

FROM employee\_sales;

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 LIKE "%Sales%";

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

INSERT OVERWRITE TABLE employee\_sales

SELECT \*

FROM employee\_sales

ORDER BY JobSatisfaction DESC;