**Assignment: Assignment #5  
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Course ID: DAT1030**

Assignment Objective: Data Archive Activity  
For the business problem you selected, you will create a “Github” account where you will document and archive your analysis. This will allow future analysts to review and extend your work. - **Human Resources Analysis - Data**

The purpose of this assignment is to archive data analysis for future review.

1. **Link to GitHub repository:**

<https://github.com/kenatubruce/DATA1030-HR-Data-Analysis.git>

# DATA1030-HR-Data-Analysis

Course DAT-1030 Assignment #1

The raw data set contains attrition data about sales employees. This is a fictcious data set created by IMB in order to facilitate practice analysis in predicitng the atttiotion of valuable employees by HR departments.

Meta data about the data set

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Usage Information

License Database: Open Database

Contents: Database Contents

Visibility: Public

Maintainers: pavansubhash pavansubhash

Dataset owner: pavansubhash

File Name: WA\_Fn-UseC\_-HR-Employee-Attrition.csv (222.63 KB)

Updates

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Expected update frequency: Not specified

Last updated: 2017-03-31

Date created: 2017-03-31

Current version: Version 1

The data that was used in this analysis can be found at the link below:

https://www.kaggle.com/pavansubhasht/ibm-hr-analytics-attrition-dataset/data

Columns

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AgeNumérica - Discreta

Attrition - Categórica

BusinessTravel - Categórica

DailyRateNumérica - Discreta

Department - Categórica

DistanceFromHome Numérica - Discreta

Education - Categórica

EducationField - Categórica

EmployeeCount - Numérica - Discreta

EmployeeNumber - Numérica - Discreta

EnvironmentSatisfaction - Categórica

Gender - Categórica

HourlyRate - Numérica - Discreta

JobInvolvement - Categórica

JobLevel - Categórica

JobRole - Categórica

JobSatisfaction - Categórica

MaritalStatus - Categórica

MonthlyIncomeNumérica - Discreta

MonthlyRate - Numérica - Discreta

NumCompaniesWorked - Numérica - Discreta

Over18 - Categórica

OverTime - Categórica

PercentSalaryHike - Numérica - Discreta

PerformanceRating - Categórica

RelationshipSatisfaction - Categórica

StandardHours - Numérica - Discreta

StockOptionLevel - Categórica

TotalWorkingYears - Numérica - Discreta

TrainingTimesLastYear - Numérica - Discreta

WorkLifeBalance - Categórica

YearsAtCompany - Numérica - Discreta

YearsInCurrentRole - Numérica - Discreta

YearsSinceLastPromotion - Numérica - Discreta

YearsWithCurrManager - Numérica - Discreta