



Assignment

Model Development using Random Forest & Neural Network Technique

Assignment Brief:

Work on HR Attrition Data using Random Forest & Neural Network techniques

Data Files for the Assignment:

1. HR_Employee_Attrition_Data.csv

Tool to be used: R, R Studio, MS Excel, MS PowerPoint

Solutions should have the following slides. The following sequencing is just an indicative guideline. Students are expected to do much better

Slide 1. Title Slide

Slide 2. Objective

Slide 3. Data Summary

Slide 4 to Slide 7. Exploratory Data Analysis

Slide 8 & 9. Hypothesis

Slide 10 to 20. Hypothesis validation using tests, cross-tabs, visualization or other intuitive ways

Slide 11 to 17. Random Forest Model (codes, output, performance measures, validation)

Slide 18 to 25. Neural Network Model (codes, output, performance measures, validation)

Slide 26. Final take-away and implementation strategy

Slide 27. Thank you