Assignment

Classification Tree Model Development

Assignment Brief:

To build Classification Tree model using CHAID & CART 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 bellowing sequencing is just an indicative guideline. Students are expected to do much better

> **Slide 1. Title Slide**
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> **Slide 2. Objective**
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> **Slide 3. Data Summary**
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> **Slide 4 to Slide 7. Exploratory Data Analysis**
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> **Slide 8 & 9. Hypothesis**
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> **Slide 10 to 20. Hypothesis validation using tests, cross-tabs, visualization or other intuitive ways**
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> **Slide 11 to 17. CHAID Model (codes, output, performance measures, validation)**
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> **Slide 18 to 25. CART Mode (codes, output, performance measures, validation)**
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> **Slide 26. Final take-away and implementation strategy**
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> **Slide 27. Thank you**