

Machine Learning - Graded Microproject

Problem Statement:

Refer **HR_Dataset** to uncover insights about possible employee attrition.

Selective attribute information:

Education:

- 1 'Below College'
- 2 'College'
- 3 'Bachelor'
- 4 'Master'
- 5 'Doctor'

Environment Satisfaction:

- 1 'Low'
- 2 'Medium'
- 3 'High'
- 4 'Very High'

Job Involvement:

- 1 'Low'
- 2 'Medium'
- 3 'High'
- 4 'Very High'

Job Satisfaction:

- 1 'Low'
- 2 'Medium'
- 3 'High'
- 4 'Very High'

Performance Rating:

- 1 'Low'
- 2 'Good'
- 3 'Excellent'
- 4 'Outstanding'

Relationship Satisfaction:

- 1 'Low'
- 2 'Medium'
- 3 'High'
- 4 'Very High'

Work Life Balance:

- 1 'Bad'
- 2 'Good'
- 3 'Better'
- 4 'Best'

Please answer the following questions along the way:

1. Build appropriate ML models.
2. Choose the best model and mention the reasons behind doing so.
3. Summarize the key conclusions and make suggestions to the organization.

Note: Submit the solution file in **.html file** format about working on the dataset.

Explain your work in few slides & share your insights as well in it & submit this **PPT file**.

Include both **.html & .ppt files in single Zip file** and submit it as your final solution file.

Zip file naming convention (**Your Full Name-ML-Graded Microproject**)